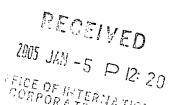


# 82- SUBMISSIONS FACING SHEET

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,					DAT:	: _/_	15/05

# BEAR CREEK ENERGY LTD. INSTRUMENT OF PROXY



# FOR THE SPECIAL MEETING OF SECURITYHOLDERS

TO BE HELD ON JANUARY 17, 2005

This Instrument of Proxy is solicited on behalf of the management of Bear Creek Energy Ltd ("Bear Creek"). The undersigned holder of common shares, options and/or warrants of Bear Creek hereby appoints, Russell J. Tripp, President and Chief Executive Officer of Bear Creek, of the City of Calgary, in the Province of Alberta, or, failing him, R. Alan Steele, Vice President, Finance and Chief Financial Officer of Bear Creek, of the City of Calgary, in the Province of Alberta, or instead of either of the foregoing, \_\_\_\_\_\_\_, as proxyholder of the undersigned, with full power of substitution, to attend, act and vote for and on behalf of the undersigned at the special meeting of holders of common shares, options and warrants of Bear Creek (the "Meeting"), to be held on January 17, 2005 at 10:00 a.m. (Calgary time) in the Royal Room of the Metropolitan Centre, 333 - 4th Avenue S.W., Calgary Alberta and at any adjournment thereof, and on every ballot that may take place in consequence thereof to the same extent and with the same powers as if the undersigned were personally present at the Meeting with authority to vote at the said proxyholder's discretion, except as otherwise specified below.

Without limiting the general powers hereby conferred, the undersigned hereby directs the said proxyholder to vote the shares represented by this Instrument of Proxy in the following manner (check  $(\sqrt{})$ ) the appropriate box):

- FOR or AGAINST (and, if no specification is made, FOR) passing a special resolution (the "Bear Creek Reorganization" 1. Resolution"), the full text of which is set forth in Appendix A to the Joint Information Circular and Proxy Statement of Bear Creek and Ketch Resources Ltd. ("Ketch") dated December 17, 2004 (the "Information Circular"), to approve:
  - a plan of arrangement under section 193 of the Business Corporations Act (Alberta) (the "Arrangement"), all as more particularly described in the Information Circular;
  - (b) a restricted unit and performance unit incentive plan for Ketch Resources Trust (the "Trust"), as more particularly described in the Information Circular;
  - a stock option plan and special performance unit plan for Bear Ridge Resources Ltd. ("Bear Ridge"), as more particularly (c) described in the Information Circular;
  - a stock option plan for Kereco Energy Ltd. ("Kereco"), as more particularly described in the Information Circular; (d)
  - a \$4 million initial private placement of up to 3,404,256 common shares of Bear Creek Finance Ltd. (which will be exchanged (e) into 3,404,256 preferred shares of Bear Ridge pursuant to the Arrangement) and 2,857,143 share purchase warrants of Bear Creek Finance Ltd. (each of which will entitle the holder to acquire one preferred share of Bear Ridge at an exercise price of \$1.41 following the Arrangement in accordance with its terms) at a price of \$1.175 for the units to directors, officers, employees and other service providers of Bear Ridge or the Trust, as more particularly described in the Information Circular;
  - (f) a \$6 million initial private placement of up to 2,307,693 common shares of 1133014 Alberta Ltd. (which will be exchanged into 2,307,693 non-voting shares of Kereco pursuant to the Arrangement) and 1,920,000 share purchase warrants of 1133014 Alberta Ltd. (each of which will entitle the holder to acquire one non-voting common share of Kereco at an exercise price of \$3.12 following the Arrangement in accordance with its terms) at a price of \$2.60 for the units to directors, officers, employees and other service providers of Kereco, as more particularly described in the Information Circular; and
  - a \$3.5 million initial private placement of up to 486,111 trust units of the Trust at a price of \$7.20 and 486,111 purchase warrants (g) of the Trust with an exercise price of \$8.64 and expiring on the third anniversary of the effective date of the Arrangement, to directors, officers, employees and other service providers of the Trust or Bear Ridge, as more particularly described in the Information Circular; and
- 2. In the discretion of the said proxyholders, upon any amendment or variation of the above matters or any other matter that may be properly brought before the Meeting or any adjournment thereof in such manner as such proxy, in such proxyholder's sole judgment, may determine.

The common shares, options and/or warrants represented by this Instrument of Proxy will be voted in the manner directed herein by the undersigned on any ballot that may called for. If no direction is given, the common shares, options and/or warrants will be voted in favour of the above matters. If any other business or amendments or variations to the matters identified in the Notice of Special Meeting included with the Information Circular properly come before the Meeting, then discretionary authority is conferred upon the person appointed in this proxy in the manner that such person sees fit. The undersigned hereby ratifies and confirms that such proxyholder may do so by virtue hereof. The undersigned hereby acknowledges receipt of the Notice of Meeting and Information Circular.

Each holder of common shares, options and/or warrants has the right to appoint a proxyholder other than the persons designated above, who need not be a shareholder, optionholder or warrantholder to attend and to act for and on the behalf of such holder at the Meeting. To exercise such right, the names of the nominees of management should be crossed out and the name of the holder's appointee should be legibly printed in the blank space provided.

THE UNDERSIGNED HEREBY REVOKES ANY PROXIES HERETOFORE GIVEN.

Dated this	day of	, 200		
		<del></del>	(signature)	
			(name - please print)	

PLEASE MARK, DATE AND SIGN THIS INSTRUMENT OF PROXY AND PROMPTLY RETURN IT USING THE ENCLOSED ENVELOPE

#### Notes:

- 1. In order for this proxy to be effective, this proxy must be executed by the holder of common shares, options and/or warrants or attorney of such person authorized in writing or, if the holder of common shares, options and/or warrants is a corporation, under its corporate seal or by an officer or attorney thereof duly authorized and must be received by Bear Creek, c/o Valiant Trust Company, Suite 310, 606-4th Street S.W., Calgary, Alberta, T2P 1T1, by 4:30 p.m. (Calgary time) on the first business day prior to the date of the Meeting or any adjournment thereof. If the date is not inserted in the blank space provided above, this proxy shall be deemed to be dated on the day on which it is mailed by Bear Creek with the Information Circular.
- This instrument of proxy must be dated and the signature hereon should be exactly the same as the name in which the common shares, options and/or warrants are registered.
- 3. Persons signing as executors, administrators, trustees, etc., should so indicate and give their full title as such.

THIS LETTER OF TRANSMITTAL AND ELECTION FORM IS FOR USE ONLY IN CONJUNCTION...
WITH THE PLAN OF ARRANGEMENT INVOLVING BEAR CREEK ENERGY LTD., KETCH
RESOURCES LTD., KETCH RESOURCES TRUST, BEAR RIDGE RESOURCES LTD., KEREGO
ENERGY LTD., BEAR CREEK SECURITYHOLDERS AND KETCH SECURITYHOLDERS.

#### LETTER OF TRANSMITTAL AND ELECTION FORM

#### FOR HOLDERS OF COMMON SHARES OF BEAR CREEK ENERGY LTD.

Please read the Instructions set out below carefully before completing this Letter of Transmittal and Election Form.

TO:

BEAR CREEK ENERGY LTD.

AND TO:

VALIANT TRUST COMPANY, AS DEPOSITARY

This Letter of Transmittal and Election Form (the "Letter of Transmittal and Election Form") is for use by holders of common shares ("Bear Creek Common Shares") of Bear Creek Energy Ltd. ("Bear Creek") in connection with the proposed arrangement (the "Arrangement") involving Bear Creek, Ketch Resources Ltd. ("Ketch"), Ketch Resources Trust (the "Trust"), Bear Ridge Resources Ltd. ("Bear Ridge") and Kereco Energy Ltd. ("Kereco") pursuant to a plan of arrangement, the full text of which is set out in the Joint Information Circular and Proxy Statement ("Information Circular") of Bear Creek and Ketch dated December 17, 2004. Capitalized terms used but not defined in this Letter of Transmittal shall have the meanings given to them in the Information Circular.

The undersigned delivers to you the enclosed certificate(s) representing Bear Creek Common Shares to be exchanged for: (a) Trust Units; (b) Kereco Common Shares and/or cash in an amount calculated in accordance with the Arrangement; and (c) Bear Ridge Common Shares and/or cash in an amount calculated in accordance with the Arrangement, all pursuant to and in accordance with the Arrangement as described in the Information Circular.

DES	CRIPTION OF CERTIFICATES DEPOSITED	_
Certificate Number(s)	Name in which Bear Creek Common Shares are Registered	Number of Bea Creek Common Shares Held
There is a second of the secon		
	TOTAL:	

(If space is not sufficient, please attach a list in the above form.)

#### The undersigned:

- 1. represents and warrants that the undersigned is the legal owner of the above listed Bear Creek Common Shares and has good title to the rights represented by the above mentioned certificates, free and clear of all liens, charges, encumbrances, claims and equities and together with all rights and benefits, and has full power and authority to deliver such certificates;
- 2. represents and warrants that the information provided hereunder is true, accurate and complete as of the date hereof;
- 3. acknowledges receipt of the Information Circular dated December 17, 2004;

- 4. has full power and authority to make the elections contained herein and unless the undersigned shall have revoked this election by notice in writing given to the Depositary not later than 4:30 p.m. (Calgary time) on January 16, 2004 or such time on the third Business Day immediately prior to the date of the adjourned Meeting, if the Meeting is adjourned (see "Election Deadline", as defined in Instruction 1), the undersigned will not, prior to such time, transfer or permit to be transferred any of such Bear Creek Common Shares;
- 5. directs the Depositary to issue or cause to be issued the Trust Units and issue or cause to be issued Kereco Common Shares and Bear Ridge Common Shares or to pay any cash consideration as directed elsewhere in this Letter of Transmittal and Election Form, to which the undersigned is entitled on completion of the Arrangement in the name indicated below, and to send the Trust Units, Kereco Common Shares and Bear Ridge Common Shares and/or cash consideration, as the case may be, to the address, or hold the same for pickup, as indicated in this Letter of Transmittal and Election Form, unless otherwise indicated under Special Registration/Payment Instructions or Special Delivery Instructions on page 5 hereof;
- 6. covenants and agrees to execute, upon request, any additional documents, transfers and other assurances as may be necessary or desirable to complete the exchange of certificate(s) representing Bear Creek Common Shares for certificate(s) representing Trust Units, Kereco Common Shares and Bear Ridge Common Shares; and
- 7. acknowledges that all authority conferred or agreed to be conferred by the undersigned herein may be exercised during any subsequent legal incapacity of the undersigned and shall survive the death or incapacity, bankruptcy or insolvency of the undersigned and all obligations of the undersigned herein shall be binding upon the heirs, personal representatives, successors and assigns of the undersigned.

Unless otherwise indicated under Special Registration/Payment Instructions or Special Delivery Instructions on page 5 hereof (in which case payment, registration or delivery should be made in accordance with those instructions), the certificate(s) for the Trust Units, Kereco Common Shares and Bear Ridge Common Shares, and/or cheques for any cash consideration, if applicable, should be issued in the name of the undersigned and forwarded to the undersigned at the address specified below the signature of the undersigned (or if no such address or delivery instructions are made, to the latest address of record on Bear Creek's share register). If the Arrangement is not completed, the undersigned directs the Depositary to return the enclosed certificate(s) in accordance with the instructions in the preceding sentence.

Pursuant to the Election Form set forth on page 4 hereof Bear Creek Shareholders can elect to receive, in consideration for each Bear Creek Common Share deposited under the Arrangement (and in addition to Trust Units, which will be received by all Bear Creek Shareholders): (a) either (i) 0.20 of a Kereco Common Share or (ii) \$0.54 ("Kereco Cash Consideration") (such election referred to herein as the "Kereco Election"); and (b) either (i) 0.20 of a Bear Ridge Common Share or (ii) \$0.245 ("Bear Ridge Cash Consideration") (such election referred to herein as the "Bear Ridge Election").

Pursuant to the Arrangement, each Bear Creek Shareholder who elects to receive Kereco Common Shares pursuant to the Kereco Election will have elected to: (a) assign, transfer and convey the Kereco Warrant Notes #2 received by such Bear Creek Shareholder under the Plan of Arrangement for Kereco Warrants #2; and (b) exercise the Kereco Warrants #2 received by such Bear Creek Shareholder and thereupon assign, transfer and exchange the Acquisition Co #2 Notes Y received pursuant to the Plan of Arrangement to Kereco for Kereco Common Shares.

Pursuant to the Arrangement, each Bear Creek Shareholder who elects to receive Bear Ridge Common Shares pursuant to the Bear Ridge Election will have elected to: (a) assign, transfer and convey the Bear Ridge Warrant Notes #2 received by such Bear Creek Shareholder under the Plan of Arrangement for Bear Ridge Warrants #2; and (b) exercise the Bear Ridge Warrants #2 received by such Bear Creek Shareholder and thereupon assign, transfer and exchange the Acquisition Co #2 Notes Z received pursuant to the Plan of Arrangement to Bear Ridge for Bear Ridge Common Shares.

Where no election is made or where the election is not properly made, the depositing holder of Bear Creek Common Shares will be deemed to have elected to receive on completion of the Arrangement (i) only Kereco Common Shares pursuant to the Kereco Election (Option A) and (ii) only Bear Ridge Common Shares pursuant to the Bear Ridge Election (Option A) in respect of all of such holder's Bear Creek Common Shares.

For further information regarding the foregoing, please consult the text of the Plan of Arrangement, a copy of which is attached as Exhibit I to the Arrangement Agreement which is appended as Appendix D to the Information Circular.

Non-registered holders of Bear Creek Common Shares should contact their nominee (i.e. broker, trust company, bank or other registered holder) which holds their Bear Creek Share certificates on their behalf to arrange for their exchange.

Signature guaranteed by (if required under item 4 of the instructions):	Dated:, 200_
Authorized Signature of Guarantor	Signature of Shareholder or Authorized Representative (see items 4 and 6 of the instructions)
Name of Guarantor (please print or type)	Address of Shareholder
Address of Guarantor (please print or type)	
	Daytime Telephone Number of Shareholder
	Facsimile Number of Shareholder
	Social Insurance Number or U.S. Resident Taxpayer Identification Number (must be provided)
	Name of Shareholder (please print or type)
	Name of Authorized Representative, if applicable (please print or type)
	Total Number of Bear Creek Common Shares Beneficially Held, Directly or Indirectly, by the Shareholder

# **ELECTION FORM**

Please complete the following elections. Each Bear Creek Shareholder must complete both the Kereco Election and the Bear Ridge Election.

	KERECO ELECTION	
	tuant to the Arrangement, the undersigned holder of Bear Creek Common Shares hereby elects to rease check one or both of the following options):	eceive on completion of the Arrangement
<b>[</b> ]	Option A – delivery of 0.20 of a Kereco Common Share for each Bear-Creek Common Share deposited by the undersigned pursuant to this Letter of Transmittal and Election Form.	Number of Bear Creek Common Shares in respect of which Option A is elected:
		(i)
	Option B - delivery of \$0.54 in cash in lieu of a Kereco Common Share for each Bear Creek Common Share deposited by the undersigned pursuant to this Letter of Transmittal and Election Form.	Number of Bear Creek Common Shares in respect of which Option B is elected:
		(l)
(1)	The number of Bear Creek Common Shares in respect of which you elect Option A and/or Option Bear Creek Common Shares which you hold.	B, above, must equal the total number of
	BEAR RIDGE ELECTION	
	suant to the Arrangement, the undersigned holder of Bear Creek Common Shares hereby elects to rease check one or both of the following options):	eceive on completion of the Arrangement
	Option A – delivery of 0.20 of a Bear Ridge Common Share for each Bear Creek Common Share deposited by the undersigned pursuant to this Letter of Transmittal and Election Form.	Number of Bear Creek Common Shares in respect of which Option A is elected:
		(F)
כו	Option B - delivery of \$0.245 in cash in lieu of a Bear Ridge Common Share for each Bear Creek Common Share deposited by the undersigned pursuant to this Letter of Transmittal and Election Form.	Number of Bear Creek Common Shares in respect of which Option B is elected:
		(1)
(1)	The number of Bear Creek Common Shares in respect of which you elect Option A and/or Option Bear Creek Common Shares which you hold.	B, above, must equal the total number of

# BOX A SPECIAL REGISTRATION/PAYMENT INSTRUCTIONS

(See Instruction 4)

To be completed only if the certificate(s) for the Trust Units, Kereco Common Shares and Bear Ridge Common Shares, and/or cheques for the Kereco Cash Consideration and/or Bear Ridge Cash Consideration, as the case may be, are NOT to be issued in the name of the undersigned.

In the name of	(please print)	
Address:		
	(include postal or zip code)	

# BOX B SPECIAL DELIVERY INSTRUCTIONS (See Instruction 4)

To be completed only if the certificate(s) for the Trust Units, Kereco Common Shares and Bear Ridge Common Shares, and/or cheques for the Kereco Cash Consideration and/or Bear Ridge Cash Consideration, as the case may be, are to be sent to a name or an address other than the name and address of the undersigned specified below the signature of the undersigned.

In the name of	(please print)	
Address:		
	(include postal or zip code)	

#### BOX C HOLD FOR PICKUP

□ Check here if the certificate(s) for the *Trust Units, Kereco Common Shares and Bear Ridge Common Shares*, and/or cheques for the Kereco Cash Consideration and/or Bear Ridge Cash Consideration, as the case may be, are to be held for pick-up at the office of the Depositary at which this Letter of Transmittal and Election Form is deposited.

#### **INSTRUCTIONS**

#### 1. Elections

To receive delivery of certificates representing Trust Units, Kereco Common Shares, Bear Ridge Common Shares and/or cheques for payment of any Kereco Cash Consideration and/or Bear Ridge Cash Consideration, on the completion of the Arrangement, holders of Bear Creek Common Shares must deposit with the Depositary (at one of the addresses specified on the last page hereof) on or before 4:30 p.m. (Calgary time) on January 12, 2005 or, if the Ketch Meeting or Bear Creek Meeting is adjourned, such time on the third Business Day immediately prior to the date of that adjourned Meeting (the "Election Deadline"), a duly completed Letter of Transmittal and Election Form indicating the holder's elections pursuant to the Kereco Election and the Bear Ridge Election, together with the certificates representing the holder's Bear Creek Common Shares.

Holders of Bear Creek Common Shares who do not deposit with the Depositary a duly completed Letter of Transmittal and Election Form on or before the Election Deadline or otherwise do not fully comply with the requirements of the Letter of Transmittal and Election Form and these instructions in respect of an election will be deemed to have elected to receive in respect of all the holder's Bear Creek Common Shares exclusively (i) Trust Units, (ii) Kereco Common Shares pursuant to the Kereco Election, and (iii) Bear Ridge Common Shares pursuant to the Bear Ridge Election.

#### 2. Use of Letter of Transmittal and Election Form

- (a) This Letter of Transmittal and Election Form (or a manually executed copy hereof) properly completed and signed as required by the instructions set forth below, together with accompanying certificates representing the Bear Creek Common Shares and all other documents required by the terms of the Plan of Arrangement must be received by the Depositary at any of its offices specified on the back page of this document.
- (b) The method used to deliver this Letter of Transmittal and Election Form and any accompanying certificate(s) representing Bear Creek Common Shares and all other required documents is at the option and risk of the person depositing the same, and delivery will be deemed effective only when such documents are actually received by the Depositary at one of the offices specified on the back page of this document. It is recommended that the necessary documentation be hand delivered to the Depositary at any of their offices specified on the back page of this document, and a receipt obtained. However, if such documents are mailed, it is recommended that registered mail be used and that proper insurance be obtained and a return receipt requested. Shareholders whose Bear Creek Common Shares are registered in the name of a nominee should contact their stockbroker, investment dealer, bank, trust company or other nominee for assistance in depositing those Bear Creek Common Shares.

#### 3. Special Registration/Payment and Delivery Instructions

The boxes entitled "Special Registration/Payment Instructions" and "Special Delivery Instructions", as applicable, should be completed if the certificates for the Trust Units, Kereco Common Shares and Bear Ridge Common Shares and/or cheques representing payment of any Kereco Cash Consideration and/or Bear Ridge Cash Consideration, as the case may be, to be issued pursuant to the Arrangement are to be: (a) issued in the name of a person other than the person signing the Letter of Transmittal and Election Form; (b) sent to someone other than the person signing the Letter of Transmittal and Election Form at an address other than that appearing below that person's signature; or (d) held by the Depositary for pick-up. See also Instruction 5 below.

#### 4. Signatures

This Letter of Transmittal and Election Form must be completed and signed by the holder of Bear Creek Common Shares or by such holder's duly authorized representative (in accordance with paragraph 6 below).

- (a) If this Letter of Transmittal and Election Form is signed by the registered owner(s) of the accompanying certificate(s), such signature(s) on this Letter of Transmittal and Election Form must correspond with the name(s) as registered or as written on the face of such certificate(s) without any change whatsoever, and the certificate(s) need not be endorsed. If such transmitted certificate(s) are owned of record by two or more joint owners, all such owners must sign this Letter of Transmittal and Election Form.
- (b) If this Letter of Transmittal and Election Form is signed by a person other than the registered owner(s) of the Bear Creek Common Shares or if any Trust Units, Kereco Common Shares and Bear Ridge Common Shares and/or cheques are to be issued to a person other than the registered holder(s):
  - (i) such deposited certificate(s) must be endorsed or be accompanied by an appropriate share transfer power of attorney duly and properly completed by the registered owner(s); and
  - (ii) the signature(s) on such endorsement or power of attorney must correspond exactly to the name(s) of the registered owner(s) as registered or as appearing on the certificate(s) and must be guaranteed as noted in paragraph 5 below.

#### 5. Guarantee of Signatures

If this Letter of Transmittal and Election Form is executed by a person other than the registered owner(s) of the Bear Creek Common Shares, such signature must be guaranteed by an Eligible Institution, or in some other manner satisfactory to the Depositary (except that no guarantee is required if the signature is that of an Eligible Institution).

An "Eligible Institution" means a Canadian schedule 1 chartered bank, a major trust company in Canada, a member of the Securities Transfer Agent Medallion Program (STAMP), a member of the Stock Exchanges Medallion Program (SEMP) or a member of the New York Stock Exchange Inc. Medallion Signature Program (MSP). Members of these programs are usually members of a recognized stock exchange in Canada or the United States, members of the Investment Dealers Association of Canada, members of the National Association of Securities Dealers or banks and trust companies in the United States.

#### 6. Fiduciaries, Representatives and Authorizations

Where this Letter of Transmittal and Election Form or any certificate or share transfer or power of attorney is executed by a person as an executor, administrator, trustee, guardian, attorney-in-fact or agent or on behalf of a corporation, partnership or association or is executed by any other person acting in a fiduciary or representative capacity, this Letter of Transmittal and Election Form must be accompanied by satisfactory evidence of the authority to act. The Depositary, at its discretion, may require additional evidence of authority or additional documentation.

#### 7. Miscellaneous

(a) If the space on this Letter of Transmittal and Election Form is insufficient to list all certificates for Bear Creek Common Shares, additional certificate numbers and the number of Bear Creek Common Shares represented thereby may be included on a separate signed list affixed to this Letter of Transmittal and Election Form.

- (b) If Bear Creek Common Shares are registered in different forms (e.g. "John Doe" and "J. Doe") a separate Letter of Transmittal and Election Form should be signed for each different registration.
- (c) No alternative, conditional or contingent deposits will be accepted. All depositing shareholders by execution of this Letter of Transmittal and Election Form (or a copy thereof) waive any right to receive any notice by the Depositary.
- (d) The holder of the Bear Creek Common Shares covered by this Letter of Transmittal and Election Form hereby unconditionally and irrevocably attorns to the non-exclusive jurisdiction of the courts of the Province of Alberta and the courts of appeal therefrom.
- (e) Additional copies of the Letter of Transmittal and Election Form may be obtained on request and without charge from the Depositary at any of their offices at the addresses listed on the back page of this document.

#### 8. Lost Certificates

If a share certificate has been lost or destroyed, this Letter of Transmittal and Election Form should be completed as fully as possible and forwarded, together with a letter describing the loss, to the Depositary. The Depositary will respond with the replacement requirements. If a share certificate has been lost or destroyed, please ensure that you provide your telephone number to the Depositary so that they may contact you.

#### 9. Fractional Trust Units, Kereco Common Shares and Bear Ridge Common Shares

No certificates representing fractional Trust Units, Kereco Common Shares and Bear Ridge Common Shares shall be issued upon the exchange of Bear Creek Common Shares for Trust Units, Kereco Common Shares and Bear Ridge Common Shares. In lieu of any fractional Trust Units, Kereco Common Shares and Bear Ridge Common Shares, each depositing shareholder otherwise entitled to a fractional interest in any Trust Units, Kereco Common Shares and Bear Ridge Common Shares, as the case may be, will receive the next nearest whole number of Trust Units, Kereco Common Shares and Bear Ridge Common Shares, as the case may be.

#### Offices of the Depositary, Valiant Trust Company

Telephone: 403-233 -2801 Toll Free (Canada): 1-866-313-1872 Fax: 403-233-2857 Email: valiantstocktransfer@telusplanet.net

By Mail and Courier

Valiant Trust Company
Suite 310, 606 - 4th Street S. W.
Calgary, Alberta
T2P 1T1

By Hand

Calgary

Valiant Trust Company
Suite 310, 606 - 4th Street S. W.
Calgary, Alberta
T2P 1T1

Attention: Reorganization Department

Toronto

Valiant Trust Company c/o Equity Transfer Services Inc. Suite 420, 120 Adelaide St. West Toronto, Ontario M5N 4C3

Attention: Reorganization Department

Any questions and requests for assistance may be directed by shareholders to the Depositary at the telephone numbers and locations set out above.



# FIRST QUARTER REPORT FORM 51-901F

Name of Issuer: MILLENNIUM ENERGY INC.

Period ended: MARCH 31, 2003

Date of Report: May 29, 2003

Issuer's Address: SUITE 2100, 144 – 4<sup>TH</sup> AVENUE, S.W., CALGARY, AB T2P 3N4

Contact Name: ALAN MACDONALD

Contact Position: VICE-PRESIDENT, FINANCE

Contact Telephone No. (403) 213-6807

#### CERTIFICATE

The three schedules required to complete this Quarterly Report are attached and the disclosure contained therein has been approved by the Board of Directors. A copy of this Quarterly Report will be provided to any shareholder who requests it.

DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Martin Hislop"	Martin Hislop	2003-05-29
DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Steven G. Cloutier"	Steven G. Cloutier	2003-05-29

# ~ BALANCE SHEETS ~

	March 31		Dec 31
	(unaudited)		2002 (unaudited)
ASSETS	,		,
Current assets			
Accounts receivable \$	1,223,829		803,899
Income taxes recoverable	248,591		312,789
Prepaid expenses	52,736		35,089
	1,525,156		1,151,777
Petroleum and			
natural gas properties	5,261,674		5,182,682
Future income taxes	203,296		255,865
	6,990,126		6,590,324
LIABILITIES			
Current liabilities			
Bank overdraft	101,203		5,476
Accounts payable and			
accrued liabilities	1,315,905		1,254,800
Bank indebtedness (note 2)	550,000		500,000
	1,967,108		1,760,276
Provision for			
site restoration	171,937		166,592
	2,139,045		1,926,868
SHAREHOLDERS' EQUIT	<b>v</b>		·
Capital stock	3,369,057		3,369,263
Retained earnings	1,482,024		1,294,193
recamed earnings	4,851,081		4,663,456
		\$	6,590,324
4	0,000,100	Ψ	0,000,024

# ~ STATEMENTS OF OPERATIONS ~

For the three months ended March 3	1	2003	2002
		(unaudited)	(unaudited)
REVENUES			
Revenue from operations	\$	874,739	\$ 555,807
Royalties, net of ARTC		(157,750)	(90,199)
Other income		14,702	5,653
		731,691	471,261
EXPENSES			
Operating		148,944	162,147
General and administrative		82,490	76,824
Interest on long term debt		6,644	12,924
Depletion and depreciation		183,293	200,190
Site restoration provision		5,662	5,912
		427,033	 457,997
Income before			
income taxes		304,658	 13,264
Income taxes			
Current		64,199	(24,638)
Future		52,569	 31,024
		116,768	6,386
Net income for the period		187,890	6,878
Retained earnings			
<ul> <li>beginning of period</li> </ul>		1,294,193	1,540,883
Excess redemption price			
of common shares		(59)	
Retained earnings			
- end of period	\$	1,482,024	\$ 1,547,761
Net income per share			
basic and diluted		\$ 0.00	 \$ 0.00

# ~ STATEMENT OF CASH FLOWS ~

For the three months ended March 31	2003	2002
	(unaudited)	(unaudited)
Cash provided by (used in)		
OPERATING ACTIVITIES		
Net income for the period	\$ 187,890	\$ 6,878
Add items not affecting cash	,,	
Depletion and depreciation	183,293	200,190
Site restoration provision	5,663	5,912
Future income taxes	52,569	31,024
Site restoration costs	(317)	(1,857)
Old Follow Goods	429,098	242,147
Change in non-cash working capital		
Accounts receivable	(419,930)	(158,778)
Prepaid expenses	(17,647)	(11,541)
Accounts payable	32,753	(25,952)
Current income taxes		, , ,
recoverable	64,198	(67,581)
Net change in non-cash		
working capital	(340,626)	(263,852)
	88,472	(21,705)
Acquisition of oil and gas properties	(455,512)	(196,381)
Proceeds on disposition of oil and gas properties	193,226	_
Change in non cash working		
capital accounts payable	28,352	5,492
	(233,934)	(190,889)
•		
FINANCING ACTIVITIES		
Increase in bank loan	50,000	150,000
Shares redeemed under issuer bid	(265)	(8,290)
	49,735	141,710
(Decrease) in cash	(95,727)	(70,884)
Cash and term deposits - beginning of period	(5,476)	75,418
Cash and term deposits - end of period	<b>4.444.000</b>	
	\$ (101,203)	\$ 4,534
_		\$ 4,534
Cash payments related to cert	ain items	
Cash payments related to certainterest Taxes		\$ 4,534 12,924 42,943

#### ~ Notes To Financial Statements ~

March 31, 2003 and 2002 (unaudited)

#### 1. Significant Accounting Policies

The interim financial statements of Millennium Energy Inc. (the "Company") have been prepared by management in accordance with accounting principles generally accepted in Canada. The interim financial statements have been prepared following the same accounting policies and methods of computation as the financial statements for the fiscal year ended December 31, 2002. The interim financial statements should be read in conjunction with the financial statements and notes thereto in the Company's annual report for the year ended December 31, 2002.

#### 2. Bank Indebtedness

At March 31, 2003, the Company has a demand revolving credit facility in the amount of \$1,350,000. It is reviewed annually by the bank on or before June 30 and bears interest at prime rate plus 3/4% per annum. The facility is collateralized by a general assignment of book debts registered in the Province of Alberta and a registered \$5,000,000 floating charge debenture on all assets of the company, with a fixed charge on all main producing properties.

#### 3. Capital Stock

Issued and outstanding	Shares	\$
Balance - beginning of period	24,492,459	3,369,263
Shares redeemed	(1,500)	(206)
Balance - end of period	24,490,959	3,369,057

#### 4. Fixed Stock Option Plan

A summary of the Company's fixed stock option plan as of March 31, 2003 is as follows:

Weighted Average

		,
	Options	Price (\$)
Balance - beginning of period	2,261,000	0.18
Forfeited	(370,000)	0.20
Balance - end of period	1,891,000	0.17
Exercisable - end of period	1,310,667	0.18

#### 5. Commitments

On January 24, 2000, Millennium entered into a contract with Empresa Colombiana de Petroleos (the "contract") whereby Millennium and another company were granted the right to explore for hydrocarbons on a 131,500-hectare concession in Colombia, South America. Millennium's interest in the project is 66.7 percent. The effective date of the contract was March 24, 2000, being 60 days following the execution of the contract.

Pursuant to the terms of the contract, Millennium and its partner committed, during the first two years of the contract, to reprocess 300 km of existing seismic and to complete a horizontal re-entry in an existing well bore (the "commitment"). Millennium and its partner estimate that the total cost of the commitment will be US\$2.1 million, of which Millennium's share will be US\$1.4 million.At the conclusion of

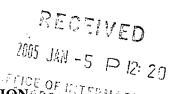
the initial two-year period, Millenniun and its partner can elect to renounce the contract without further obligation.

Millennium has not yet fulfilled the commitment and has requested an extension to the contract. Millennium continues to seek an industry partner to fulfill the commitment.

As security for the commitment, Millennium and its partner have provided Empresa Colombiana de Petroleos with a letter of credit in the aggregate amount of US\$500,000, of which Millennium's share is US\$333,500. The letter of credit was extended for a term of one year commencing August 5, 2002 and if the amount is called, it will be expensed.

#### 6. Subsequent Event

On May 13, 2003, Millennium entered into an arrangement agreement with Crossfield Gas Corp. ("Crossfield") whereby Millennium will issue 6.3 Millennium common shares for each Crossfield common share and special warrant, based on an ascribed value of \$0.22 per Millennium common share. The combined company will be renamed Bear Creek Energy Ltd. ("Bear Creek") and will have a production base of approximately 1,700 boe per day. As part of the transaction, the current management of Crossfield will assume management positions with Bear Creek. The merger is expected to close in late July 2003, following approval by both shareholders of Millennium and Crossfield.



# BRITISH COLUMBIA SECURITIES COMMISSION REORATE FRIANCE

# FIRST QUARTER REPORT FORM 51-901F

Name of Issuer: MILLENNIUM ENERGY INC.

Period ended: MARCH 31, 2003

Date of Report: May 29, 2003

Issuer's Address: SUITE 2100, 144 – 4<sup>TH</sup> AVENUE, S.W., CALGARY, AB T2P 3N4

Contact Name: ALAN MACDONALD

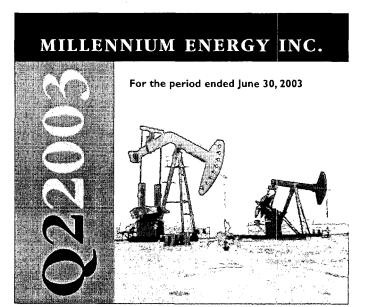
Contact Position: VICE-PRESIDENT, FINANCE

Contact Telephone No. (403) 213-6807

#### **CERTIFICATE**

The three schedules required to complete this Quarterly Report are attached and the disclosure contained therein has been approved by the Board of Directors. A copy of this Quarterly Report will be provided to any shareholder who requests it.

DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Martin Hislop"	Martin Hislop	2003-05-29
DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Steven G. Cloutier"	Steven G. Cloutier	2003-05-29



# ~Highlights ~

		ns ended ne 30		s ended e 30
	2003	2002	2003	2002
OPERATING				
Daily production				
Oil (bbl)	133	155	127	154
Natural gas (mcf)	365	437	393	441
NGL (bbl)	14	21	15	19
Total (boe)	208	249	208	246
Commodity prices				
Oil (\$ per bbl)	34.44	33.80	39.53	30.64
Natural gas (per mcf)	7.91	3.45	7.69	3.72
NGL (per bbl)	32.13	21.37	36.82	23.35
Average (per boe)	38.10	28.93	41.42	27.60

# FINANCIAL

(\$000, except per share	and per boe	amounts)		
Revenue	780	738	1,670	1,299
Per share	0.03	0.03	0.07	0.05
Cash flow	195	279	624	521
Per share	0.01	0.01	0.03	0.02
Earnings	(44)	15	144	22
Per share	-	_	0.01	_
Operating costs per boe	7.88	8.30	7.93	7.87
Operating netback				
per boe	25.88	16.10	28.55	15.13
Bank debt	694	1,300	694	1,300

#### ~ REPORT TO SHAREHOLDERS ~

On May 15, 2003, Millennium and Crossfield Gas Corp. ("Crossfield") jointly announced that they had entered into an agreement to merge the two companies. At a special meeting of shareholders of Millennium held on July 24, 2003, Millennium shareholders approved the merger with Crossfield and on the same date both companies were merged, with the combined entity being renamed Bear Creek Energy Ltd. ("Bear Creek").

The management team at Bear Creek comprises the former management team of Crossfield and will be responsible for managing a company with initial production of approximately 1,700 boe/day and an impressive inventory of drilling prospects.

Bear Creek now trades on the Toronto Stock Exchange under the symbol "BCK".

#### ~ Management's Discussion and Analysis ~

Management's discussion and analysis ("MD&A") should be read in conjunction with the unaudited interim financial statements for the three months ended June 30, 2003 and the audited financial statements and MD&A for the year ended December 31, 2002.

#### **PRODUCTION**

Daily production averaged 208 boe during the second quarter of 2003, comprised of 365 mcf of gas, 133 bbl of oil and 14 bbl of natural gas liquids. Overall production, as a result of a divestitures in 2002 and natural production declines, was approximately 16% lower than the 249 boe per day the Company averaged during the second quarter of 2002.

#### **PRICES**

The West Texas Intermediate ("WTI") oil price averaged US\$28.90 per bbl during the second quarter of 2003, 10% higher than the US\$26.25 per bbl realized during the second quarter of 2002. Millennium received an average price of \$34.44 per bbl for its oil in the second quarter of 2003, an increase of 2% from \$33.80 per bbl during the same period in 2002, reflecting the recent disposition of its heavier crude oil production at Hayter, which normally attracted higher price differentials.

Natural gas prices were significantly higher in the second quarter of 2003 compared to the same period in 2002. The

average price received by Millennium during the second quarter was \$7.91 per mcf, a 129% increase from the average price of \$3.45 per mcf realized during the second quarter of 2002.

#### REVENUE

Revenue for the three months ended June 30, 2003 was \$0.780 million, compared to \$0.738 million for the same period in 2002, as the decrease in production was more than offset by the significant increase in natural gas prices during the period.

#### **NETBACKS**

Operating netbacks increased 61% in the second quarter of 2003 to \$25.88 per boe from \$16.10 per boe in 2002 due to the significant increase in natural gas prices during the period and higher royalties during the second quarter of 2002. Royalties for the second quarter of 2003 were 18.1% of production revenues, compared to 25.2% for the same period in 2002. Operating costs decreased 5% to \$7.88 per boe during the second quarter of 2003 from \$8.30 per boe during the same period of 2002.

#### GENERAL AND ADMINISTRATIVE

General and administrative costs during the second quarter were \$331,107 and included \$240,589 of costs incurred to June 30, 2003, associated with the arrangement with Crossfield.

#### **DEPLETION AND DEPRECIATION**

Depletion and depreciation expense for the second quarter of 2003 totaled \$0.193 million (\$10.18 per boe), compared to \$0.215 million (\$9.489 per boe) for the second quarter of 2002.

#### **EARNINGS**

Net loss for the second quarter was \$44,281 (\$Nil per share), compared to net income of \$14,985 (\$Nil per share) for the same period in 2002 and reflects the increase in general and administrative costs associated with the arrangement with Crossfield.

#### LIQUIDITY AND CAPITAL RESOURCES

At June 30, 2003, bank debt was \$0.69 million, compared to \$1.30 million at June 30, 2002.

All bank debt secured by demand loans that cannot be converted to a term facility have to be classified as a current liability. Accordingly, the entire amount outstanding on the Company's demand credit facility has been classified as a current liability on the balance sheet.

#### OUTLOOK

On May 15, 2003, Millennium jointly announced with Crossfield Gas Corp. ("Crossfield") that they had entered into an agreement to merge the two companies. On July 24, 2003, the two companies were merged and the combined entity was renamed Bear Creek Energy Ltd. ("Bear Creek"). The management team at Crossfield assumed the management positions with Bear Creek.

# ~ BALANCE SHEETS ~

	As a	at June 30		As at Dec 31
(unaudited)		2003		2002
ASSETS				
Current assets				
Cash		3,200		-
Accounts receivable		906,312		803,899
Income taxes recoverable		304,985		312,789
Prepaid expenses		36,676		35,089
		1,251,173		1,151,777
Petroleum and natural gas properties		5,436,147		5,182,682
Future income taxes		151,962		255,865
	s	6,839,282	\$	6,590,324
LIABILITIES				
Current liabilities				
Bank overdraft				E 470
				5,476
Accounts payable and accrued liabilities		1,111,290		1,254,800
Bank indebtedness (note 2)		694,239		500,000
	,	1,805,529		1,760,276
Provision for site restoration		166,953		166,592
		1,972,482		1,926,868
SHAREHOLDERS' EQUITY				
Capital stock (note 3)		3,429,057		3,369,263
Retained earnings		1,437,743		1,294,193
		4,866,800		4,663,456
	\$	6,839,282	\$	6,590,324
			ــنـــ	-,,

# ~ STATEMENTS OF OPERATIONS ~

			e months ine 30		six months d June 30
(unaudited)	2003		2002	2003	2002
REVENUES					
Revenue from operations	\$ 772,049	\$	728,374	\$ 1,646,788	\$ 1,284,181
Royalties, net of ARTC	(140,924)		(185,785)	(298,674)	(275,984)
Other income	8,139		9,634	22,841	15,287
	639,264		552,223	1,370,955	1,023,484
EXPENSES					
Operating	149,215		187,921	298,159	350,068
General and administrative	331,107		83,268	413,597	160,092
Interest	9,592		20,364	16,236	33,288
Depletion	192,779		214,606	376,072	414,796
Provision for site restoration	5,913		6,183	11,575	12,095
	688,606		512,342	1,115,639	970,339
Income before income taxes	(49,342)		39,881	255,316	53,145
Income taxes					
Current	(56,395)		(18,881)	7,804	(43,519)
Future	51,334		43,777	103,903	74,801
	(5,061)		24,896	111,707	31,282
Net Income (loss) for the period	(44,281)		14,985	143,609	21,863
Retained earnings					
- beginning of period	1,482,024		1,547,761	1,294,193	1,540,883
Excess redemption price of common shares			-	(59)	
Retained earnings - end of period	\$1,437,743	s	1,562,746	\$ 1,437,743	\$ 1,562,746
			, <u>(r- 18.</u>		
Net Income (loss)					
per share basic	\$ (0.00)		\$ 0.00	\$ 0.01	\$ 0.00
Net Income (loss)					
per share diluted	\$ (0.00)		\$ 0.00	\$ 0.01	\$ 0.00

#### ~ STATEMENT OF CASH FLOWS ~

		For the three months ended June 30			For the six months ended June 30			
(unaudited)		2003		2002		2003		2002
Cash provided by (used in)								
OPERATING ACTIVITIES								
Net income (loss) for the period	s	(44,281)	\$	14,985	s	143,609	\$	21,863
Add items not affecting cash								
Depletion and amortization		192,779		214,606		376,072		414,796
Site restoration provision		5,913		6,183		11,575		12,095
Future income taxes		51,334		43,777		103,903		74,801
Site restoration costs		(10,897)		(921)		(11,214)	_	(2,778)
		194,848		278,630		623,945		520,777
Change in non-cash working capita	al							
Accounts receivable		317,517		58,932		(102,413)		(99,846)
Prepaid expenses		16,060		(39,076)		(1,587)		(50,617)
Accounts payable		(156,121)		32,272		(123,368)		6,320
Current income taxes								
recoverable		(56,395)		(43,381)		7,804		(110,962)
Net change in non-cash working capital		121,061		8,747		(219,564)		(255,105)
		315,909		287,377		404,381		265,672
INVESTING ACTIVITIES  Acquisition of oil and gas properties		(367,252)		(368,589)		(822,764)		(564,970)
Proceeds on disposition of oil and gas properties				-		193,226		_
Change in non cash working capita	al	(48,493)		28,159		(20,141)		33,651
accounts payable		(40,435)		(340,430)		(649,679)		(531,319)
FINANCING ACTIVITIES		1.70,7		(5.15) 1.55)		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Increase in bank loan		144,239		50,000		194,239		200,000
Shares issued under options		60,000		-		60,000		-
Shares redeemed under issuer bid	_					(265)		(8,290)
		204,239		50,000		253,974	_	191,710
Increase (decrease) in cash		104,403		(3,053)		8,676		(73,937)
Cash (bank overdraft) - beginning of period		(101,203)		4,534		(5,476)		75,418
Cash - end of period	s	3,200	\$	1,481	s	3,200	s	1,481
Cash payments related to certain	ite	ms						
Interest	s	9,592	S	20,364	\$	16,236	\$	33,288
Taxes	S		S	507,861	\$		\$	67,443

#### ~ Notes To Financial Statements ~

June 30, 2003 and 2002 (unaudited)

#### 1. Significant Accounting Policies

The interim financial statements of Millennium Energy Inc. (the "Company") have been prepared by management in accordance with accounting principles generally accepted in Canada. The interim financial statements have been prepared following the same accounting policies and methods of computation as the financial statements for the fiscal year ended December 31, 2002. The interim financial statements should be read in conjunction with the financial statements and notes thereto in the Company's annual report for the year ended December 31, 2002.

#### 2. Bank Indebtedness

At June 30, 2003, the Company has a demand revolving credit facility in the amount of \$1,350,000. It is reviewed annually by the bank on or before June 30 and bears interest at prime rate plus 3/4% per annum. The facility is collaterized by a general assignment of book debts registered in the Province of Alberta and a registered \$5,000,000 floating charge debenture on all assets of the company, with a fixed charge on all main producing properties. As a result of the impending merger with Crossfield Gas Corp. ("Crossfield") that was affected July 24, 2003, the bank extended the annual review date.

#### 3. Capital Stock

Issued and outstanding	Shares	
Balance - beginning of period	24,492,459	3,369,263
Issued for cash	300,000	60,000
Shares redeemed	(2,000)	(206)
Balance - end of period	24,790,459	3,429,057

#### 4. Fixed Stock Option Plan

A summary of the Company's fixed stock option plan as of June 30, 2003 is as follows:

	Options	Weighted Average Price (\$)
Balance - beginning of period	2,261,000	0.18
Granted	200,000	0.25
Exercised	(300,000)	0.20
Forfeited	(388,000)	0.20
Balance - end of period	1,773,000	0.18
Exercisable - end of period	992,667	0.17

No compensation expense is recognized in the financial statements for stock options granted to employees and directors. If the fair value method had been used, the company's compensation expense would be negligible.

#### 5. Commitments

On January 24, 2000, Millennium entered into a contract with Empresa Colombiana de Petroleos (the "contract") whereby Millennium and another company were granted the right to explore for hydrocarbons on a 131,500-hectare concession in Colombia, South America. Millennium's interest in the project is 66.7 percent. The effective date of the contract was March 24, 2000, being 60 days following the execution of the contract.

Pursuant to the terms of the contract, Millennium and its partner committed, during the first two years of the contract, to reprocess 300 km of existing seismic and to complete a horizontal re-entry in an existing well bore (the "commitment"). Millennium and its partner estimate that the total cost of the commitment will be US\$2.1 million, of which Millennium's share will be US\$1.4 million. At the conclusion of the initial two-year period, Millennium and its partner can elect to renounce the contract without further obligation.

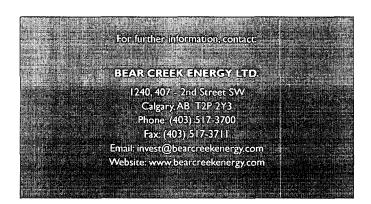
Millennium has not yet fulfilled the commitment and has requested an extension to the contract. Millennium continues to seek an industry partner to fulfill the commitment.

As security for the commitment, Millennium and its partner have provided Empresa Colombiana de Petroleos with a letter of credit in the aggregate amount of US\$500,000, of which Millennium's share is US\$333,500. The letter of credit has been extended to December 11, 2003 and if the amount is called, it will be expensed.

#### 6. Subsequent Events

On July 23, 2003, Millennium closed a private placement with insiders for units of Millennium, each unit being comprised of one Millennium share at an ascribed price of \$0.24 per share and one Millennium warrant, for aggregate proceeds of \$1.20 million. The Millennium warrant entitles the holder to acquire one Millennium share at a price of \$0.36 per Millennium share for a period of three years, provided that such warrants shall not be exercisable during the first year following the date of issue.

At a special meeting of shareholders held on July 24, 2003, the Millennium shareholders approved an arrangement with Crossfield Gas Corp. whereby both companies were merged and the combined company was renamed Bear Creek Energy Ltd.



#### **BRITISH COLUMBIA SECURITIES COMMISSION**

# FIRST QUARTER REPORT FORM 51-901F

Name of Issuer: BEAR CREEK ENERGY LTD.

Period ended: JUNE 30, 2003

Date of Report: AUGUST 29, 2003

Issuer's Address: 1240, 407 – 2<sup>ND</sup> STREET S.W., CALGARY, AB T2P 2Y3

Contact Name: ALAN STEELE

Contact Position: VICE-PRESIDENT, FINANCE

Contact Telephone No.: (403) 517-3703

# CERTIFICATE

The three schedules required to complete this Quarterly Report are attached and the disclosure contained therein has been approved by the Board of Directors. A copy of this Quarterly Report will be provided to any shareholder who requests it.

DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Martin Hislop"	Martin Hislop	2003-08-29
DIRECTOR'S SIGNATURE	PRINT FULL NAME	DATE SIGNED
"Russell J. Tripp"	Russell J. Tripp	2003-08-29

# SCHEDULE B TO FORM 51-901F PREPARED BY MILLENNIUM INC. FOR THE THREE MONTHS ENDED JUNE 30, 2003

1. Analysis of Expenses and Deferred Costs

N/A

2. Related party Transactions

The company paid APF Energy \$45,000 for management fees.

- 3. Summary of Securities Issued and Options Granted
  - (a) Securities Issued 300,000 common shares issued on exercise of options, on May 16, 2003 for \$60,000 cash consideration.
  - (b) Stock Options Issued 200,000 options with exercise price of \$0.25 were issued to employees on April 25, 2003 with an expiry date of April 24, 2008
- 4. Summary of Securities as at the end of the Reporting Period
  - (a) Authorized Share Capital
    Unlimited Class A voting shares
    Unlimited Class B, C, D and E preferred shares, issuable in series
  - (b) Issued and Outstanding

Class A shares 24,790,459 Share capital 3,429,057

(c) Options Outstanding

Options 1,773,000 Exercise Price \$0.17 - \$0.25

Expiry Dates February 28, 2004 to April 24, 2008

# 5. Directors and Officers

Russell J. Tripp Director, President and CEO
Alan Steele Vice President, Finance and CFO
Neil Bokenfohr Vice President, Engineering
Doug Hibbs Vice President, Exploration
Korby Zimmerman Vice President, Land

Martin Lambert Director
Geoffrey Cumming Director
Garry Tanner Director
Martin Hislop Director

#### - Management's Discussion and Analysis -

Management's discussion and analysis ("MD&A") should be read in conjunction with the unaudited interim financial statements for the three months ended June 30, 2003 and the audited financial statements and MD&A for the year ended December 31, 2002.

#### PRODUCTION

Daily production averaged 208 boe during the second quarter of 2003, comprised of 365 mcf of gas, 133 bbl of oil and 14 bbl of natural gas liquids. Overall production, as a result of a divestitures in 2002 and natural production declines, was approximately 16% lower than the 249 boe per day the Company averaged during the second quarter of 2002.

#### PRICES

The West Texas Intermediate ("WTI") oil price averaged US\$28.90 per bbl during the second quarter of 2003, 10% higher than the US\$26.25 per bbl realized during the second quarter of 2002. Millennium received an average price of \$34.44 per bbl for its oil in the second quarter of 2003, an increase of 2% from \$33.80 per bbl during the same period in 2002, reflecting the recent disposition of its heavier crude oil production at Hayter, which normally attracted higher price differentials.

Natural gas prices were significantly higher in the secondquarter of 2003 compared to the same period in 2002. The average price received by Millennium during the secondquarter was \$7.91 per mcf, a 129% increase from the average price of \$3.45 per mcf realized during the second quarter of 2002.

#### REVENUE

Revenue for the three months ended lune 30, 2003 was \$0.780 million, compared to \$0.738 million for the same period in 2002, as the decrease in production was more than offset by the significant increase in natural gas prices during the period.

#### **NETBACKS**

Operating netbacks increased 61% in the second quarter of 2003 to \$25.88 per boe from \$16.10 per boe in 2002 due to the significant increase in natural gas prices during the period and higher royalties during the second quarter of 2002. Royalties for the second quarter of 2003 were 18.1% of production revenues, compared to 25.2% for the same period in 2002. Operating costs decreased 5% to \$7.88 per boe during the second quarter of 2003 from \$8.30 per boe during the same period of 2002.

#### GENERAL AND ADMINISTRATIVE

General and administrative costs during the second quarter were \$331,107 and included \$240,589 of costs incurred to lune 30, 2003, associated with the arrangement with Crossfield.

#### **DEPLETION AND DEPRECIATION**

Depletion and depreciation expense for the second quarter of 2003 totaled \$0.193 million (\$10.18 per boe), compared to \$0.215 million (\$9.489 per boe) for the second quarter of 2002.

#### **EARNINGS**

Net loss for the second quarter was \$44,281 (\$Nil per share), compared to net income of \$14,985 (\$Nil per share) for the same period in 2002 and reflects the increase in general and administrative costs associated with the arrangement with Crossfield.

#### LIQUIDITY AND CAPITAL RESOURCES

At June 30, 2003, bank debt was \$0.69 million, compared to \$1.30 million at June 30, 2002.

All bank debt secured by demand loans that cannot be converted to a term facility have to be classified as a current liability. Accordingly, the entire amount outstanding on the Company's demand credit facility has been classified as a current liability on the balance sheet.





2003 QUARTERLY REPORT TO THE SHAREHOLDERS FOR THE NINE MONTHS ENDED SEPTEMBER 30, 2003

#### REPORT TO SHAREHOLDERS

We are very pleased to present the first quarterly report of Bear Creek Energy Ltd. On July 25, 2003 the shareholders of Crossfield Gas Corp and Millennium Energy Ltd. approved a reverse takeover of Millennium by Crossfield and a subsequent name change to Bear Creek Energy Ltd. On August 6, 2003 Bear Creek commenced trading on the Toronto Stock Exchange under the symbol "BCK".

During the initial nine months of 2003 management has focused on building the Company's inventory of drillable prospects, evaluating alternate public market opportunities and completing the Millennium transaction. Bear Creek President, Russell Tripp, stated "Our plan was to position Bear Creek as a growth oriented public exploration and production company, with a clear objective of creating, preserving and realizing shareholder value. Bear Creek adheres to a well-defined drillbit growth strategy aimed at per share growth in reserves, production and cash flow. Our exploration program will continue to target high quality natural gas and light oil and we maintain a balanced drilling portfolio of low to medium risk wells and high impact "growth acceleration" prospects. After a relatively modest but successful drilling program in the first three quarters of 2003, Bear Creek has initiated a very active drilling program during the fourth quarter and we have already assembled a large inventory for our 2004 capital program. We are extremely excited about the upcoming winter drilling program and believe Bear Creek is well positioned to deliver strong growth through the drillbit."

As forecast, 90 percent of Bear Creek's production was shut in during the month of September, 2003 due to planned maintenance at the Rimbey gas plant. Notwithstanding this anticipated loss in production, the Company posted solid growth over comparable prior year periods. Highlights for the nine month period ended September 2003 include:

- Increasing cash flow to \$6.2 million, up 104 percent from the nine month period ended September 30, 2002;
- Generating cash flow per diluted share of \$0.47, up 52 percent from \$0.31 from the same prior year nine month period;
- Recording net earnings per diluted share of \$0.12, up 200 percent from 2002;
- Increasing average daily production by 30 percent to 1,497 boe per day from 1,150 boe per day over the first three quarters of 2002;
- Recording petroleum and natural gas sales of \$15.4 million, up 79 percent from \$8.5 for the same 2002 period.

Major plant turnarounds like we experienced at Rimbey in September are not a regular event. We would not anticipate another scheduled turnaround at the Rimbey gas plant until 2007. Although this event certainly had a negative impact on the Company's production and financial performance for the third quarter, we still showed positive growth over the comparable 2002 quarter. Average daily production of 1,314 boe per day in the third quarter of 2003 was up 22 percent while cash flow from operations of \$1.4 million (\$0.09 per diluted share) was up 13 percent over the third quarter of 2002.

During the third quarter Bear Creek drilled 9 (2.4 net) wells resulting in 4 (0.6 net) natural gas wells, 5 (1.8 net) light oil wells for a 100 percent success rate. During the first nine months of 2003 we drilled 13 (5.9 net) wells with a 92 percent success rate resulting in 3.1 net natural gas wells, 1.8 net oil wells and 1.0 net dry and abandoned well.

# **Drilling Update**

Bear Creek has increased its 2003 capital budget to \$20.5 million and has kicked off a very active winter drilling program. The Company plans to drill 18 (9 net) wells during the fourth quarter primarily targeting high quality natural gas and light oil in west central Alberta. Our capital expenditures during the fourth quarter of 2003 are estimated at \$8.5 million. We have already identified \$20 million of capital projects on lands currently owned or controlled by Bear Creek to be included in the Company's 2004 drilling program.

At Battle Lake, Bear Creek (100 percent) drilled and cased a potential Mississippian Banff development gas well. The Company plans to complete the well in December and is evaluating two tie-in options. Bear Creek (100 percent) plans to drill a second development well in this pool in mid 2004 pending resolution of surface access issues.

At Westerose, Bear Creek (46 percent) drilled and completed a successful development well in its Mississippian Banff oil pool. The well will be flowline connected in December. The waterflood in this Banff oil pool has been initiated and the Company is currently drilling a third injection well to increase water injection rates. Additional infill development drilling is planned in this light oil pool in 2004.

At Garrington, Bear Creek (37.5 percent) drilled and completed a successful Mississippian Pekisko horizontal gas well. Tie in operations are planned for December. Bear Creek (37.5 percent) plans to commence drilling a horizontal well offsetting this recent success in December with a second offset planned for Q1 2004.

At Goodwin, Bear Creek (25 percent) drilled and completed a successful dual zone gas well. Tie in operations are planned for December. The Company is evaluating a potential follow up location on offsetting Bear Creek 50 percent working interest lands.

In southeast Saskatchewan, Bear Creek (40 percent) drilled and completed a successful Mississippian light oil well to evaluate a relatively extensive 3D seismic feature. Bear Creek (40 percent) plans to drill 2 additional wells prior to yearend to further evaluate this feature. Additional development drilling is planned on this prospect for 2004.

At Brazeau, Bear Creek (37.5 percent) drilled a Mississippian Elkton test well. The completion attempt on the Elkton was unsuccessful and the Company plans to move uphole to evaluate a shallower zone. Bear Creek (40 percent) expects to commence drilling two additional Mississippian Elkton test wells at Brazeau prior to year end. Additional drilling on Bear Creek owned or controlled lands at Brazeau is planned in 2004.

At Medicine Lodge, Bear Creek (25 percent) drilled and abandoned an unsuccessful Viking test well. The Company is evaluating plans to drill a second Viking gas prospect at Medicine Lodge within the next few months.

At Harmattan, Bear Creek (25 percent BPO, 55 percent APO) has commenced drilling a 2,900 meter well to evaluate a seismically defined Mississippian Elkton outlier.

At Balsam, Bear Creek (60 percent) expects to commence drilling a 2,100 meter well to test a seismically defined Kiskatinaw feature in December.

#### **Bear Creek Team**

Bear Creek has a talented and dedicated management and professional team that have worked successfully together for a number of years and have proven record of creating shareholder value. The entire team worked together at Crossfield Gas and was responsible for the successful growth of Crossfield prior to the takeover of Millennium and the formation of Bear Creek. Prior thereto, 5 members of the Bear Creek management team held key management positions with TriGas Exploration and successfully grew this TSE listed exploration company from nil to 4500 boe per day prior to selling the company for \$150 million.

We are pleased to announce that Mr. Cal Jaycock, P. Geol. has joined the Bear Creek team as Senior Geologist. Cal has enjoyed a very successful 20 year career as an exploration geologist in the Western Canadian Sedimentary Basin. Over the last several years he has focused on prospect generation in the Peace River Arch and N.E. British Columbia. During this period Cal initiated projects that resulted in the drilling of over 75 wells with an 80 percent success rate and added over 150 bcf to corporate reserves.

#### Outlook

Bear Creek has built a solid asset base focused in West Central Alberta and has assembled a strong inventory of drillable prospects targeting high quality natural gas and light oil. Our value creation strategy continues to focus on drillbit growth complimented by strategic acquisitions and we maintain a balanced portfolio of low to medium risk prospects and high impact "growth acceleration" prospects. We are very excited about the Company's upcoming winter drilling program and believe that the current business environment will continue to present attractive growth opportunities for Bear Creek.

Russell J. Tripp President and CEO November 27, 2003

# Financial Review and Operating Highlights

# Financial

(\$ thousands, except per share amounts)	Three Months Ended September30 2003	Three Months Ended September30 2002	<u>%</u>	Nine Months Ended September 30 2003	Nine Months Ended September 30 2003	<u>%</u>
Petroleum and natural gas sales	4,047	2,984	36	15,372	8,586	79
Cash flow from operations	1,363	839	62	6,231	3,057	104
Per common share - basic	0.09	0.08	13	0.48	0.31	55
Per common share - diluted	0.09	0.08	13	0.47	0.31	52
Net earnings	451	(22)	-	1,578	360	338
Per common share - basic	0.03	-	-	0.12	0.04	200
Per common share – diluted	0.03	-	•	0.12	0.04	200
Capital Expenditures	9,987	5,499	82	16,940	10,615	60
Working capital deficit (including bank debt)	(8,522)	(5,324)	60	(8,522)	(5,324)	60
Common shares outstanding (millions)	16.2	12.2	33	16.2	12.2	33
Operating						
Average daily production						
Natural gas (mcf/d)	3,541	1,962	80	3,887	2,199	77
Oil (bbls/day)	558	598	(7)	635	624	2
NGL's (bbls/d)	166	149	11	215	159	35
Barrels of oil equivalent (boe/d 6:1)	1,314	1,073	22	1,497	1,150	30
Average prices						
Natural gas (\$/mcf)	\$6.12	\$3.30	85	\$6.95	\$3.63	91
Oil (\$/bbl)	\$30.59	\$36.69	(17)	\$34.16	\$31.45	9
NGL's (\$/bbl)	\$31.63	\$27.04	17	\$35.53	\$24.13	47
Wells Drilled						
Gross	9	7	29	13	10	30
Net	2.4	6.6	(64)	5.9	8.7	(32)

#### MANAGEMENT'S DISCUSSION AND ANALYSIS

This management's discussion and analysis ("MD&A") should be read in conjunction with the accompanying financial statements along with the related notes thereto for the three and nine months ended September 30, 2003 and the Company's audited financial statements, notes thereto, and MD&A for the year ended December 31, 2002. Per barrel of oil equivalent ("boe") amounts have been calculated using a conversion rate of six thousand cubic feet of natural gas to one barrel of oil ("6:1"). The reader should be aware that historical results are not necessarily indicative of future performance.

#### Petroleum and Natural Gas Sales

Petroleum and natural gas revenues increased 36 percent to \$4.0 million for the three months ended September 30, 2003 as compared to \$3.0 million for the same period in 2002. This increase was a result of increased natural gas volumes and increased natural gas and NGL prices. Gas volumes increased by 80 percent to 3.5 mmcf per day from 2.0 mmcf per day in 2002. Oil volumes decreased to 558 bbl per day from 598 bbl per day and NGL's were up to 166 bbl per day for an 11 % increase over the 149 bbl per day from the third quarter of 2002. The increased volumes were a result of drilling that focused on gas opportunities in the Westerose and Garrington areas. For the nine month period ended September 30, 2003 gas volumes were up 77 percent to 3.9 mmcf per day while oil volumes were up 2 percent and NGL's were up 35 percent compared to the first nine months of 2002.

As anticipated volumes in the third quarter were reduced as approximately 90 percent of our production was shut in during a planned 22 day turnaround at the Rimbey gas plant.

	Three Months Ended September 30		%	Nine Mont Septem	%	
	2003	2002		2003	2002	
Average daily production volumes						
Natural gas mcf/d	3,541	1,962	80	3,887	2,199	77
Oil bbl/d	558	598	(7)	635	624	2
NGL's bbl/d	166	149	11	215	159	35
Total boe/d (6:1)	1,314	1,073	22	1,497	1,150	30

Prices for natural gas increased to \$6.12 per mcf in the third quarter from \$3.30 in the same quarter of 2002. Oil prices were down to \$30.59 per bbl as compared to \$36.69 for the third quarter of 2002, while NGL's were up 17 percent to \$31.63 per bbl as compared to \$27.04 in 2002. These prices are net of hedge losses in the third quarter of 2003 of \$144,986 for oil or \$2.83 per bbl as compared to \$93,958 or \$1.71 per bbl in 2002. The third quarter hedge loss on gas was \$15,872 or \$0.05 per mcf as compared to hedge of nil in 2002. These contracts are used as a method to provide downside protection for our cash flow.

For the nine months ended September 30, 2003, gas prices were up 91 percent to \$6.95 per mcf as compared to the first nine months of 2002. Oil prices were up 9 percent to \$34.16 per bbl while NGL's prices increased 47 percent to \$35.53 per bbl when compared to the first nine months of 2002.

The Company has forward price arrangements on 250 bbl per day for oil at \$US25.67 WTI that will continue to the end of 2003, and had sold 1,000 mcf per day of gas into a collar providing a floor of \$4.50 and a ceiling of \$6.00 per mcf that will expire at the end of October 2003.

		Nine Months Ended September 30		
2003	2002	2003	2002	
6.17	3.30	7.16	3.63	
(0.05)	_	(0.21)	-	
6.12	3.30	6.95	3.63	
33.42	38.40	37.17	33.01	
(2.83)	(1.71)	(3.01)	(1.56)	
30.59	36.69	34.16	31.45	
31.63	27.04	35.53	24.13	
_	-	-	-	
31.63	27.04	35.53	24.13	
	September 2003  6.17 (0.05) 6.12  33.42 (2.83) 30.59  31.63	6.17 3.30 (0.05) - 6.12 3.30 33.42 38.40 (2.83) (1.71) 30.59 36.69 31.63 27.04	September 30       September 30         2003       2002         6.17       3.30         (0.05)       -         6.12       3.30         6.95         33.42       38.40         (2.83)       (1.71)         30.59       36.69         34.16         31.63       27.04         35.53         -	

#### Cash Flow and Net Income

The Company generated cash flow from operations of \$1.4 million (\$0.09 per share) in the third quarter of 2003 as compared to \$0.8 million (\$0.08 per share) in the third quarter of 2002. The Company recorded net income of \$450,805 in the third quarter of 2003 compared to a loss of \$21,871 in the third quarter of 2002. The increased cash flow for the comparative quarters of 2003 is a result of significantly higher natural gas prices and strong production increases. The income recorded in the third quarter is a result of future tax benefits booked as a result of tax rate changes offset by increased DD&A and operating expenses. For the nine months ended September 30, 2003 the Company generated cash flow from operations of \$6.2 million (\$0.48 per share) compared to \$3.1 million (\$0.31 per share) in same prior year period. Net income for the first nine months of 2003 was \$1.6 million (\$0.12 per share) compared to \$0.4 million (\$0.04 per share) for the same prior year period.

	Three Months Ended September 30			%	Nine Months Ended September 30			%
Cash Flow from operations - per								
share	2003		2002		2003	2	2002	
Basic	\$ 0.09	\$	80.0	13	\$ 0.48	\$	0.31	55
Fully diluted	\$ 0.09	\$	0.08	13	\$ 0.48	\$	0.31	52
Net Income - per share								
Basic	\$ 0.03	\$	0.00		\$ 0.12	\$	0.04	200
Diluted	\$ 0.03	\$	0.00		\$ 0.12	\$	0.04	200

Royalties

Royalties for the third quarter of 2003 were \$1.0 million as compared to \$0.8 million in the third quarter of 2002. This increase is a result of increased gas prices and volumes. For the nine months ended September 30, 2003 our net royalties of \$4.0 million represent 26 percent of revenues as compared to \$1.8 million (21 percent of revenues) in 2002. The higher gas sales price drives a higher royalty rate that is partially offset by ARTC recovery. Our net ARTC of \$240,062 for the first nine months of 2003 is netted from the total royalty expense.

	Three Mon Septem		%	Nine Mon Septen	ths Ended iber 30	%
	2003	2002		2003	2002	
Royalty Category						
Crown	604,635	670,232	(10)	2,988,542	1,567,177	91
Freehold	312,487	35,750	774	810,517	92,263	778
Override	106,133	51,487	106	446,006	174,365	156
ARTC	(25,000)	-	-	(240,062)	-	-
Total Royalty	998,255	757,469	32	4,005,003	1,833,805	118

#### Operating Expenses

Operating expenses for the third quarter of 2003 were \$962,463 as compared to \$746,445 for the third quarter of 2002. On a per unit basis the 2003 cost is \$7.96 per boe as compared to the third quarter of 2002 which was \$7.56 per boe. The increased third quarter expense is mainly the result of lower production volumes from the turnaround of the Rimbey gas plant along with a large pipeline inspection cost. For the nine months ended September 30, 2003 operating costs totaled \$2.7 million (\$6.64 per boe) compared to \$1.8 million (\$5.89 per boe) for the same period of 2002. Increased volumes and higher turnaround cost account for much of the increase. The industry in general is experiencing higher operating costs for most operations.

#### Operating Netback

The operating netback for the three months ended September 30, 2003, of \$17.26 per boe is up 15 percent over the same quarter for 2002 mainly as a result of increased sales prices. For the nine months ended September 30, 2003, the Company realized operating netbacks of \$21.17 per boe, a 35 percent increase over the \$15.63 per boe for the comparable 2002 period.

	Three Mon	ths Ended		Nine Mont	hs Ended	
	Septeml	ber 30	%	Septem	ber 30	%
	2003	2002		2003	2002	
Operating Netback						
\$/BOE - 6:1 conversion						
Sales price	33.48	30.21	11	37.61	27.36	37
Royalties	(8.26)	(7.67)	8	(9.80)	(5.84)	68
Operating expense	(7.96)	(7.56)	5	(6.64)	(5.89)	13
Operating Netback	17.26	14.98	15	21.17	15.63	35

#### General and Administrative Expenses

Bear Creek has not capitalized any G&A in 2003 or 2002. For the three month period ended September 30, 2003, the Company recorded G&A expenses of \$561,582 compared to \$433,939 for same prior year period. The Company incurred additional one time expenses with

going public charges in the third quarter of 2003. On a per unit basis the costs in the third quarter of 2003 were \$4.65 per boe compared to 2002 costs of \$4.39 per boe. With increased activity we have also seen an increase in overhead recoveries that reduces the G&A expense. For the nine months ended September 30, 2003, the Company recorded G&A expenses of \$1,954,748 (\$4.78 per boe) as compared to \$1,428,507 (\$4.55 per boe) for the same period in 2002, with the increase mainly as a result of one time charges in the first quarter.

	Three Mon Septem		%	Nine Months Ended September 30		
G&A Expense	2003	2002		2003	2002	
\$						
G&A expense (gross)	632,398	509,368	24	2,203,914	1,562,394	41
Overhead recoveries	(70,816)	(75,429)	(6)	(249,166)	(133,887)	86
G&A expense (net)	561,582	433,939	29	1,954,748	1,428,507	37
G&A expense \$ / BOE (net)	4.65	4.39	6	4.78	4.55	5

#### Interest Expense

In the three month period ended September 30, 2003, the Company recorded an interest expense of \$125,244, down from \$197,902 in the third quarter of 2002. The decrease is a result of the part XII.6 tax of \$130,000 booked in 2002 relating to flow through expenditures. Interest for the first nine months of 2003 was \$401,702 as compared to \$346,575 for the same 2002 period as a result of higher bank debt and slightly higher interest rates.

#### Tax Expense

For the three month period ended September 30, 2003, the Company recorded a current tax expense of \$36,000 and future tax recovery of \$664,547 as compared to the \$8,700 current tax expense and nil future tax expense recorded in the third quarter of 2002. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company does not expect to pay any current income taxes for 2003. For the nine month period ended September 30, 2003, the Company recorded a current tax expense of \$66,385 and a future tax recovery of \$343,395. Future tax for the period ended September 30, 2003, includes favorable tax rate changes.

#### Capital Expenditures

During the third quarter of 2003, the Company drilled 9 gross (2.4 net) wells resulting in .6 gas wells and 1.8 oil wells for a 100 percent success rate. Capital expenditures during the third quarter of 2003, excluding the \$6.3 million recorded for the acquisition of Millennium in July, 2003, were down to \$3.7 million from the \$4.7 million incurred in the comparable 2002 period. During the nine month period ended September 30, 2003, the Company drilled 13 gross (5.9 net) wells with a 92 percent success ratio resulting in 3.1 net gas wells, 1.8 net oil wells and 1 net dry and abandoned well. During the same period the Company incurred capital expenditures of \$10.1 million compared to \$10.6 million for the nine month period in 2002. In addition the Company has recorded \$6.8 million for the July acquisition of Millennium. A summary of our expenditures for the three month and nine month periods ended September 30 for 2003 and 2002 is as follows:

		nths Ended	%		ths Ended	%
Capital Expenditures \$ (000's)	2003	2002		2003	2002	
Land acquisitions	266	1.194	(78)	1,013	4.253	(76)
Geological & Geophysical	320	150	113	808	349	132
Drilling & completions	2,115	3,950	(46)	5,775	4.995	16
Equipment & facilities	989	1,165	(15)	2,588	937	176
Other	4	40	(90)	(1)	81	(101)
Acquisition	6,293	-	-	6,757	-	-
Total Capital Expenditures	9,987	5,499	82	16,940	10.615	60

#### Liquidity and Capital Resources

The Company had a revolving demand loan facility for up to a maximum of \$17.3 million, with a Canadian financial institution at September 30, 2003. The Company recorded a working capital deficiency of \$2.9 million and an outstanding bank loan of \$5.6 million at September30, 2003 (net debt of \$8.5 million) as compared to a working capital deficiency of \$1.7 million and outstanding bank loan of \$3.6 million (net debt \$5.3 million) at September 30, 2002. On August 13, 2003, the Company raised \$6.0 million gross (\$5.6 million net of expenses) from the issue of 1.5 million shares through a private placement on a bought deal basis. On September 30<sup>th</sup>, the company raised \$2.02 million (\$2.02 million net) from the issue of 400,000 flow through shares at \$5.05 per share.

On an ongoing basis the Company will typically utilize three sources of funding to finance its capital expenditure program; internally generated cash flow from operations, debt where deemed appropriate and new equity issues if available on favorable terms. When financing corporate acquisitions the Company may also assume certain future liabilities. In addition, the Company may adjust its capital expenditure program depending on the commodity price outlook.

#### Outlook

The Company is positioned for a very busy fourth quarter with 18 (9 net) wells planned in the quarter. The Company has currently identified over 30 drilling prospects for 2004. We continue to develop the Westerose Banff 'C' oil unit with the third water injection well and an additional producing well to be drilled in the fourth quarter. We will continue to focus our drilling program on gas targets in Central and West Central Alberta and we intend to pursue complimentary property or corporate acquisitions that will enhance the value of the Company.

The industry continues to be very competitive with the cost of land and drilling rigs remaining high. With increased commodity prices pushing up industry cash flows we are experiencing greater competition for quality drilling opportunities.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These

forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive therefrom.

### BEAR CREEK ENERGY LTD. CONSOLIDATED BALANCE SHEETS

	September 30, 2003 (\$)	December 31, 2002 (\$)
	(unaudited)	(audited)
ASSETS [note 3]		
Current		
Accounts receivable	2,979,703	1,925,218
Prepaids and deposits	84,283	74,433
	3,063,986	1,999,651
Property and equipment [note 4]	50,972,167	38,888,713
	54,036,153	40,888,364
Current Accounts payable and accrued liabilities Bank operating loan [note 3]  Future income taxes Future site restoration	6,007,401 5,579,012 11,586,413 2,658,259 370,674 14,615,346	4,519,263 8,900,355 13,419,618 3,249,323 107,652 16,776,593
Shareholders' equity Share capital [note 5] Retained earnings	37,586,087 1,834,720 39,420,807	23,855,505 256,266 24,111,771
·	54,036,153	40,888,364

# BEAR CREEK ENERGY LTD. CONSOLIDATED STATEMENT OF OPERATIONS AND RETAINED EARNINGS

(unaudited)

REVENUE   Petroleum and natural gas   4,046,686   2,716,999   15,371,606   8,586,481   (998,255)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (633,177)   (4,005,303)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,833,805)   (1,834,83		Three Months Ended September 30		Nine Months Ended September 30			r 30		
REVENUE Petroleum and natural gas Royalties, net of Alberta Royalty Tax Credit Royalties, net of Alberta Royalty Alberta Royalties, net of Alberta Royalties, net				:					
Petroleum and natural gas   4,046,686   2,716,999   15,371,606   8,586,481			(2)		(2)		(2)		(2)
Petroleum and natural gas   4,046,686   2,716,999   15,371,606   8,586,481	REVENUE								
Royalties, net of Alberta Royalty Tax Credit         (998,255)         (633,177)         (4,005,303)         (1,833,805)           EXPENSES         3,048,431         2,083,822         11,366,303         6,752,676           EXPENSES         962,463         614,471         2,712,622         1,847,839           General and administrative         561,582         485,497         1,954,748         1,428,507           Interest         125,244         78,612         401,702         346,575           Depletion, depreciation and site restoration         1,576,884         846,373         4,995,787         2,697,358           Income (loss) before income taxes         (177,742)         58,869         1,301,444         432,397           Income tax expense         (2urrent         36,000         23,178         66,385         72,871           Future         (664,547)         - (343,395)         -           (628,547)         23,178         (277,010)         72,871           NET INCOME (LOSS)         450,805         35,691         1,578,454         359,526           Retained earnings, end of period         1,834,720         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         80.03         0.00         0.12		4.0	046,686	2	716.999	15	.371.606	8	3.586.481
Sample   S			•		-				
Operating General and administrative         962,463         614,471         2,712,622         1,847,839           General and administrative Interest         561,582         485,497         1,954,748         1,428,507           Interest Interest         125,244         78,612         401,702         346,575           Depletion, depreciation and site restoration         1,576,884         846,373         4,995,787         2,697,358           3,226,173         2,024,953         10,064,859         6,320,279           Income (loss) before income taxes         (177,742)         58,869         1,301,444         432,397           Income tax expense         36,000         23,178         66,385         72,871           Future         (664,547)         -         (343,395)         -           NET INCOME (LOSS)         450,805         35,691         1,578,454         359,526           Retained earnings (deficit), beginning of period         1,383,915         54,262         256,266         (291,444)           NET INCOME (LOSS) PER SHARE (note 5)         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         80.00         0.012         0.04	Royalios, not of filodia Royally Tax Croal					-	·		
Operating General and administrative General and administrative Interest         962,463 (51,582) (485,497) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,954,748) (1,428,507) (1,252,444	FYPENSES								
General and administrative         561,582         485,497         1,954,748         1,428,507           Interest         125,244         78,612         401,702         346,575           Depletion, depreciation and site restoration         1,576,884         846,373         4,995,787         2,697,358           3,226,173         2,024,953         10,064,859         6,320,279           Income (loss) before income taxes         (177,742)         58,869         1,301,444         432,397           Income tax expense         Current         36,000         23,178         66,385         72,871           Future         (664,547)         -         (343,395)         -           (628,547)         23,178         (277,010)         72,871           NET INCOME (LOSS)         450,805         35,691         1,578,454         359,526           Retained earnings (deficit), beginning of period         1,383,915         54,262         256,266         (291,444)           Retained earnings, end of period         1,834,720         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         80.00         0.012         0.04			962.463		614 471	. 2	712.622		1 847 839
Transport   Tran									
Depletion, depreciation and site restoration   1,576,884   846,373   4,995,787   2,697,358   3,226,173   2,024,953   10,064,859   6,320,279						_			
Sample   S						4			
Current Future   36,000   23,178   66,385   72,871   (664,547)   - (343,395)   - (34				2		-	<u> </u>		<u> </u>
Current Future       36,000 (664,547)       23,178 (343,395)       66,385 (343,395)       72,871 (343,395)       -         NET INCOME (LOSS)       450,805       35,691 (277,010)       1,578,454       359,526         Retained earnings (deficit), beginning of period       1,383,915       54,262       256,266 (291,444)         Retained earnings, end of period       1,834,720       89,953       1,834,720       68,082         NET INCOME (LOSS) PER SHARE (note 5)       80.03       0.00       0.12       0.04		(1	77,742)		58,869	1	,301,444		432,397
Future (664,547) - (343,395) - (628,547) 23,178 (277,010) 72,871  NET INCOME (LOSS) 450,805 35,691 1,578,454 359,526  Retained earnings (deficit), beginning of period 1,383,915 54,262 256,266 (291,444)  Retained earnings, end of period 1,834,720 89,953 1,834,720 68,082  NET INCOME (LOSS) PER SHARE (note 5)  Basic \$0.03 \$0.00 \$0.12 \$0.04	<u>-</u>		• < • • • •		22 1 = 2		<b>.</b>		<b>50</b> 05.
NET INCOME (LOSS)         450,805         35,691         1,578,454         359,526           Retained earnings (deficit), beginning of period         1,383,915         54,262         256,266         (291,444)           Retained earnings, end of period         1,834,720         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         \$ 0.03         \$ 0.00         0.12         \$ 0.04					23,178				/2,8/1
NET INCOME (LOSS)         450,805         35,691         1,578,454         359,526           Retained earnings (deficit), beginning of period         1,383,915         54,262         256,266         (291,444)           Retained earnings, end of period         1,834,720         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         \$0.03         \$0.00         0.12         \$0.04	Future					-			
Retained earnings (deficit), beginning of period       1,383,915       54,262       256,266       (291,444)         Retained earnings, end of period       1,834,720       89,953       1,834,720       68,082         NET INCOME (LOSS) PER SHARE (note 5)       Basic       \$ 0.03       \$ 0.00       \$ 0.12       \$ 0.04		(	628,547)		23,178		(277,010)		72,871
Retained earnings, end of period         1,834,720         89,953         1,834,720         68,082           NET INCOME (LOSS) PER SHARE (note 5)         \$ 0.03         \$ 0.00         \$ 0.12         \$ 0.04	NET INCOME (LOSS)		450,805		35,691	1	,578,454		359,526
NET INCOME (LOSS) PER SHARE (note 5) Basic \$ 0.03 \$ 0.00 \$ 0.12 \$ 0.04	Retained earnings (deficit), beginning of period	1,	383,915		54,262		256,266		(291,444)
Basic \$ 0.03 \$ 0.00 \$ 0.12 \$ 0.04	Retained earnings, end of period	1,	834,720		89,953	1	,834,720		68,082
Basic \$ 0.03 \$ 0.00 \$ 0.12 \$ 0.04									
		_		_					
Diluted \$ 0.03 \$ 0.00 \$ 0.12 \$ 0.04									
	Diluted	\$	0.03	\$_	0.00	\$	0.12	\$	0.04

## BEAR CREEK ENERGY LTD. CONSOLIDATED STATEMENT OF CASH FLOWS

(unaudited)

	Three Months Ended September 30		· · · · · · · · · · · · · · · · · · ·	onths Ended ember 30	
	2003	2002	2003	2002	
	(\$)	(\$)	(\$)	(\$) ′	
OPERATING ACTIVITIES					
Net income (loss)	450,805	35,691	1,578,454	359,526	
Add items not requiring cash:					
Depletion, depreciation and site restoration	1,576,884	846,373	4,995,787	2,697,358	
Future income tax expense	(664,547)		(343,395)		
Cash flow from operations	1,363,142	882,064	6,230,846	3,056,884	
Change in non-cash working capital					
related to operations	2,055,798	2,009,860	790,773	2,564,327	
Cash provided by operations	3,418,940	2,891,924	7,021,619	5,621,211	
FINANCING ACTIVITIES					
Repayment of bank operating loan	(6,940,878)	(4,216,067)	(3,667,403)	(3,349,766)	
ssue of common shares for cash, net of costs	13,422,883	8,103,966	13,482,913	8,343,097	
Cash provided by financing activities	6,482,005	3,887,899	9,815,510	4,993,331	
INVESTING ACTIVITIES					
Capital expenditures	(9,987,145)	(5,498,670)	(16,940,129)	(10,614,542)	
Change in non-cash working capital related to			, , , , ,		
nvesting activities	86,200	-	103,000	-	
Cash used in investing activities	(9,900,945)	(5,498,670)	(16,837,129)	(10,614,542)	
Net change in cash	-	-	-	-	
Cash, beginning and end of period					

## BEAR CREEK ENERGY LTD. NOTES TO INTERIM CONSOLIDATED FINANCIAL STATEMENTS (unaudited)

#### 1. NATURE OF OPERATIONS

Bear Creek Ltd. is engaged primarily in the exploration for and the development and production of petroleum and natural gas in Western Canada.

On July 25, 2003, by business arrangement ("Arrangement"), Millennium Energy Inc. ("Millennium") acquired all of the issued and outstanding shares of Crossfield Gas Corp. ("Crossfield"), a private oil and natural gas company. Immediately following the acquisition, Millennium consolidated its shares on a one for fifteen basis and changed its name to Bear Creek Energy Ltd.

#### 2. SIGNIFICANT ACCOUNTING POLICIES

The consolidated financial statements include the accounts of Bear Creek and its wholly owned subsidiaries.

These interim consolidated financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles. These consolidated financial statements have been prepared following the same accounting policies and methods of application as the financial statements for the fiscal year ended December 31, 2002 except as described below. The disclosures provided below are incremental to those included with the annual financial statements. The interim consolidated financial statements should be read in conjunction with the financial statements and notes thereto in the Company's annual report for the year ended December 31, 2002. Because a precise determination of many assets and liabilities is dependant upon future events, the preparation of financial statements for a period involves the use of estimates and approximations, which are subject to measurement uncertainty.

#### 3. BANK OPERATING LOAN

The Company has a \$17.3 million revolving production loan facility with a Canadian financial institution that bears interest at its prime rate plus 0.25%. A general assignment of assets and a continuing debenture in the amount of \$30 million has been pledged as collateral for loans under the facility.

At September 30, 2003 the effective interest rate on the amount outstanding under the facility was 4.75% (2002-5.00%). Cash interest paid for the nine months ended September 30, 2003 was \$401,702 (2002-\$346,575).

#### 4. BUSINESS COMBINATION

On July 25, 2003, by business arrangement ("Arrangement"), Millennium Energy Inc. ("Millennium") acquired all of the issued and outstanding shares of Crossfield Gas Corp. ("Crossfield"), a private oil and natural gas company. In addition, the 2,791,333 Crossfield options not exercised were converted into Millennium options. Immediately following the acquisition, Millennium consolidated its shares on a one for fifteen basis and changed its name to Bear Creek Energy Ltd.

As a result of the arrangement, the former shareholders of Crossfield acquired control of Millennium. Accordingly, the transaction has been accounted for as a reverse takeover whereby Crossfield was deemed to be the acquirer of Millennium for accounting purposes. Comparative information presented in these consolidated financial statements is the information of Crossfield. The estimated fair value of the acquisition was \$5,918,371 based upon the issuance of 1,989,415 shares. The determination of the \$2.97 per share value was based upon the fair value of Crossfield's net assets at the date of the acquisition. The fair value of the purchase consideration has been allocated to Bear Creek's assets and liabilities as follows:

Calculation Of Purchase Price	
Fair value of shares issued	5,918,371
Transaction costs	<u>838,568</u>
	6,756,939
Allocation of Purchase Price:	
Property and Equipment	6,800,326
Working capital	469,969
Long-term debt	(346,059)
Future site restoration and abandonment costs	(167,297)
	6,756,939

The Company has not yet completed its final evaluation of the assets acquired or the liabilities assumed. Therefore the purchase price adjustment is subject to change.

#### 5. SHARE CAPITAL

#### **Authorized**

Unlimited number of voting common shares with no par value

#### **Issued**

	Number of	
	Shares	\$
Issue of flow through common shares for each (a)	4,257,015	7,902,900
Issue of flow-through common shares for cash (a)		
Issue of common shares for cash (b)	4,946,565	11,477,536
Share issue costs		(706,515)
Balance, December 31, 2001	9,203,580	18,673,921
Issue of warrants for cash (c)	2,856,000	8,500,000
Issue of common shares for cash (d)	156,820	240,029
Tax benefits renounced related to flow-through shares (a)		(3,328,701)
Share issue costs, net of tax benefits of \$167,188	_	(229,744)
Balance, December 31, 2002	12,216,400	23,855,505
Issue of common shares for cash (e)	10,962	30,015
Balance, March 31, 2003	12,227,362	23,885,520
Issue of common Shares for cash (e)	10,962	30,015
Tax benefits renounced related to flow-through shares (e)		(12,642)
Balance, June 30, 2003	12,238,324	23,902,893
Acquisition of Millennium Energy Inc. [note 4]	1,989,415	5,918,371
Issue of common shares for cash (f)	1,500,000	6,000,000
Stock options exercised	35,000	104,300
Issue of flow-through common shares for cash (g)	400,000	2,020,000
Share issue costs, net of tax benefits of \$260,311	· <u>—</u>	(359,477)

- (a) In October and December 2001, the Company issued 3,018,015 and 1,239,000 flow through common shares for gross proceeds of \$4,452,900 and \$3,450,000, respectively. In accordance with the terms of the Company's flow-through share offerings, and pursuant to certain provisions of the *Income Tax Act* (Canada), the Company committed to renounce, for income tax purposes, exploration and development expenditures to the purchasers of its flow-through shares. During 2002, the Company renounced \$2,380,000 (2001 \$5,522,800) of expenditures. The tax benefit renounced from this issue has been applied to share capital in 2002.
- (b) In October and December 2001, the Company issued 3,388,785 and 1,557,780 common shares for gross proceeds of \$8,068,535 and \$3,409,001, respectively.
- (c) In August 2002, the Company issued 2,856,000 special warrants for gross proceeds of \$8,500,000. The special warrants were converted into commons shares at no additional cost to the warrant holder when Millennium acquired Crossfield.
- (d) In February 2002, the Company issued 16,800 common shares for gross proceeds of \$40,000. In April 2002, 105,013 common shares were issued for gross proceeds of \$150,019. In June 2002, 35,007 common shares were issued for gross proceeds of \$50,010.
- (e) In March 2003, the Company issued 10,962 flow-through shares for gross proceeds of \$30,015 to a newly appointed officer. During 2003, the company renounced \$30,015 of expenditures. In April 2003, the Company issued an additional 10,962 common share for gross proceeds of \$30,015 to the same officer.
- (f) In August 2003, the Company issued 1,500,000 common shares for gross proceeds of \$6,000,000.
- (g) In September 2003, the Company issued 400,000 flow-through shares to two existing shareholders for gross proceeds of \$2,020,000. The Company has committed to renounce, for income tax purposes, exploration and development expenditures to the purchasers of the flow-through shares by December 31, 2003.

#### Stock options

The Company has established a stock option plan whereby options may be granted to the Company's directors, officers and employees for up to 950,000 common shares. In addition at September 30, 2003 an additional 1,102,360 incentive options were outstanding under Crossfield's former stock option plan and an additional 114,866 options were outstanding under Millennium's former stock option plan. The former Millennium options all expire on July 24, 2004. The minimum exercise price of each option when granted will equal the closing price of the Company share on the day prior to grant. An option's maximum term is 5 years and the options vest equally over 3 years beginning on the first anniversary of the date the option is granted. The following is a continuity of stock options outstanding for which shares have been reserved:

Stock Options	Options	Weighted Average Exercise Price (\$)
December 31, 2001		
Granted	1,158,360	2.98
Exercised		
December 31, 2002	1,158,360	2.98
Cancelled	(112,000)	
Granted	126,000	2.98
June 30, 2003	1,172,360	2.98

Millennium options	114,866	2.67
Exercised	(35,000)	2.98
Cancelled	(70,000)	2.98
Granted	45,000	3.80
September 30, 2003	1,227,226	2.98

The following summarized information about stock options outstanding at September 30, 2003:

Grant Price	Number Outstanding	Weighted- Average Remaining Contractual Life	Weighted- Average Exercise Price	Number Exercisable (Vested)	Weighted Average Exercise Price (Vested)
\$2.98	1,067,360	3.6 years	\$2.98	352,228	\$2.98
\$2.25-3.75	114,866	.8 years	\$2.67	114,866	\$2.67
\$3.80	45,000	5 years	\$3.80	0	
	1,227,226	3.4 years	\$2.98	467,094	\$2.90

#### Warrants

The Company has 333,333 warrants outstanding that are convertible to common shares at an exercise price of \$5.40 per share. These warrants are exercisable between July 25, 2004 and July 24, 2006.

#### Stock-based compensation

On January 1, 2003, the Company prospectively adopted the new CICA standard for stock-based compensation. The new standard requires that stock-based payments to non-employees, direct awards of stock and awards that call for settlement in cash or other assets be accounted for using the fair value method of accounting. The fair value method is encouraged for other stock-based compensation plans, but other methods of accounting are permitted. Under the fair value method, compensation expense is measured at the grant date and recognized over the service period.

The Company has chosen to recognize no compensation expense when stock options with no cash settlement features are granted to employees and directors under its stock option plan. Any consideration paid by employees or directors on the exercise of stock options is credited to share capital. As the fair value method is not used, pro forma disclosure is made of earnings or losses and the related per share amounts as if the fair value method had been used. Using the fair value method of accounting for stock based compensation pro forma net income (loss) approximates actual net income (loss).

As the accounting policy has been applied prospectively, disclosure for awards granted prior to January 1, 2003 has been omitted.

#### Per share amounts

	Three Months Ended	Nine Months Ended
Weighted Average Common Shares	September30,2003	September30,2003
Basic	14,522,675	13,008,141
Diluted	14,771,902	13,257,368

#### 6. FINANCIAL INSTRUMENTS

Financial instruments recognized on the balance sheet consist mainly of accounts receivable, accounts payable and accrued liabilities and bank operating loan. As at September 30, 2003 and December 31, 2002 there are no significant differences between the carrying amounts of these instruments on the balance sheets and their estimated fair values.

As at September 30, 2003, the company had the following hedges outstanding:

Crude oil swap referenced to WTI index	Quantity/Day	Price/Barrel
January 1 to December 31, 2003	250 barrels	US\$25.67
Natural gas costless collar referenced to		
AECO	Quantity/Day	Price/Gigajoule
April 1, 2003 to October 31, 2003	1000 gigajoules	\$4.50 - \$6.00

#### 7. SUBSEQUENT EVENT

In November 2003 the Company entered into an agreement to sell 200 barrels per day of crude oil for the period from January 1, 2004 through June 30, 2004 under a costless collar arrangement with a floor of US\$26.00/bbl WTI and a ceiling of US\$31.55/bbl WTI.

## **CORPORATE INFORMATION**

#### DIRECTORS

Martin A. Lambert (2) (3)

Chairman

Bear Creek Energy Ltd.

Partner

Bennett Jones LLP

Calgary, Alberta

Geoffrey A. Cumming (1) (4)
Vice Chairman
Gardiner Group Capital Ltd.
Auckland, New Zealand

Martin Hislop (1) (4) Chief Executive Officer APF Energy Ltd. Calgary, Alberta

Garry Tanner (1) (2) (3) Senior Vice President

and Chief Operating Officer EnerPlus Resources Fund Calgary, Alberta

Russell J. Tripp President and Chief Executive Officer Bear Creek Energy Ltd. Calgary, Alberta

#### **OFFICERS**

Russell J. Tripp, LL.B, P.Land
President and
Chief Executive Officer

Neil G. Bokenfohr, B.Sc., P.Eng. Vice President, Engineering

Douglas C. Hibbs, B.Sc., P.Geol Vice President, Exploration

R. Alan Steele, CMA Vice President, Finance & CFO

Korby Zimmerman, B.Comm., PLM Vice President, Land

#### PROFESSIONAL STAFF

Heather Christie-Burns, B.Sc., P.Eng. Senior Engineer

C.E. (Cal) Jaycock, B.Sc., P.Geol. Senior Geologist

Elisabeth More, B.Sc., P.Geol. Senior Geologist

Andrew Wiacek, M.Sc., P.Geoph. Manager, Geophysics

Kenneth E. Wing, B.Sc., P.Eng. Manager of Operations

#### **CORPORATE OFFICE**

Bear Creek Energy Ltd. 1240, 407 - 2nd Street S.W. Calgary Alberta T2P 2Y3

Telephone: (403) 517-3700 Facsimile: (403) 517-3711

Website:

www.bearcreekenergy.com

#### **BANKER**

ATB Financial 239 - 8th Avenue S.W. Oil & Gas Dept. 2nd Floor Calgary, Alberta T2P 1B9

#### **SOLICITOR**

Bennett Jones LLP 4500 Bankers Hall East 855 - 2nd Street S.W. Calgary, Alberta T2P 4K7

#### **AUDITOR**

Ernst & Young LLP 1000, 440 - 2nd Avenue S.W. Calgary, Alberta T2P 5E9

#### **CONSULTING ENGINEERS**

Gilbert Laustsen Jung Associates Ltd.

4100, 400 - 3rd Avenue S.W. Calgary, Alberta

T2P 4H2

(1) Member of Audit Committee
(2) Member of Compensation
Committee
(3) Member of Reserve Committee
(4) Member of Corporate Governance
Committee
Environment, Health and Safety,
Matters are addressed by the entire
Board of Directors

## Management's Discussion And Analysis

This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the unaudited consolidated interim statements for the three months ended March 31, 2004 and March 31, 2003, and the audited consolidated financial statements of the year ended December 31, 2003.

Basis of Presentation - The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements - The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net income and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

BOE Presentation - The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 19 percent to \$7.6 million for the three months ended March 31, 2004, as compared to \$6.4 million for the same period in 2003. This increase was a result of increased sales volumes for the period offset with a smaller impact from lower gas and NGL prices. Gas volumes increased by 43 percent to 5.7 mmcf per day from 4.0 mmcf per day in 2003. Oil volumes increased 27 percent to 889 bbl per day from 706 bbl per day and NGL volumes decreased by 13 percent to 244 bbl per day from the 280 bbl per day from the first quarter of 2003. The increased volumes were a result of drilling that focused on gas opportunities in Westerose and Sunchild areas while the oil increases were a combination of our new Saskatchewan volumes as well as the new oil play in our Sakwatamau area.

	Three Months Ended March 31			
Average daily production volumes	2004	2003	%	
Natural gas (mcf/d)	5,737	4,008	43	
Oil (bbl/d)	899	706	27	
NGL's (bbl/d)	244	280	(13)	
Total (boe/d)	2,099	1,653	27	

Prices for natural gas decreased 14 % to \$6.68 per mcf in the first quarter from \$7.76 in the same quarter of 2003. Oil prices were up marginally to \$40.10 per bbl as compared to \$39.88 for the first quarter of 2003, while NGL's were down 16 % to \$34.83 per bbl as compared to \$41.40 in 2003. Prices are net of oil hedge transaction costs of \$86,775 in the first quarter of 2004 or \$1.06 per bbl as compared to \$276,028 or \$4.35 per bbl in 2003. There were no gas hedges in place for the first quarter of 2004 while the costs in 2003 were \$147,124 or \$0.41 per mcf. These contracts are used as a method to provide downside protection for our cash flow.

	Three Months Ended March 31	
Average prices per unit of production	2004	2003
Gas		
Gross \$/mcf (before hedge)	6.68	8.17
Hedge gain/(loss) \$/mcf	-	(0.41)
Net \$/mcf	6.68	7.76
Oil		
Gross \$/bbl (before hedge)	41.16	44.23
Hedge gain / (loss) \$/bbl	(1.06)	(4.35)
Net \$/bbl	40.10	39.88
NGL's		
Gross \$/bbl (before hedge)	34.83	41.40
Hedge gain / (loss) \$/bbl	-	-
Net \$/bbl	34.83	41.40

#### CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$3.9 million (\$0.23 per share) in the first quarter of 2004 as compared to \$2.7 million (\$0.22 per share) in the first quarter of 2003. The increased cash flow for the comparative quarter of 2003 is a result of strong production increases realized which were offset by reduced prices for gas and NGL's.

The Company recorded net income of \$1.1 million in the first quarter of 2004 compared to income of \$0.5 million in the first quarter of 2003. The increase in income in the first quarter is a result of production increases, lowering production cost per boe, general and administrative charges per boe and reduced royalty per boe charges due to a royalty holiday on new oil production.

	Three Months Ended March 31		
A-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	2004	2003	% Change
Cash flow from operations - per share			
Basic	\$ 0.23	\$ 0.22	5
Diluted	\$ 0.22	\$ 0.22	_
Net income - per share			
Basic	\$ 0.06	\$ 0.04	50
Diluted	\$ 0.06	\$ 0.04	50

#### ROYALTIES

Royalties for the first quarter of 2004 were \$1.6 million as compared to \$1.7 million in the first quarter of 2003. Royalties in the first quarter of 2004 decreased as a percentage of sales as compared to 2003 as a result of royalty relief received on oil production in a new pool discovery and reduced rates on natural gas as a result of the lower prices.

Three Months Ended
March 31

Royalty Category	2004	2003	% Change
Crown	779,686	1,500,867	(48)
Freehold	625,856	249,700	151
Override	207,493	140,828	47
ARTC	(77,239)	(215,000)	(64)
FH Tax	48,756	<b>27,537</b>	77
Total Royalty	1,584,552	1,703,932	(7)

#### OPERATING EXPENSES

Operating expenses for the first quarter of 2004 were \$1,165,351 as compared to \$945,638 for the first quarter of 2003. On a per unit basis, the 2004 cost of \$6.10 per boe is down slightly in comparison to the first quarter of 2003, which was \$6.35 per boe.

#### OPERATING NETBACK

The operating netback for the three months ended March 31, 2004, of \$25.28 per boe has increased marginally when compared to the same period in 2003 of \$25.03 per boe.

	Three Months Ended March 31			
Operating Netback	2004	2003	% Change	
\$/boe				
Sales price	39.68	42.83	(7)	
Royalties	(8.30)	(11.45)	(28)	
Operating expense	(6.10)	(6.35)	(4)	
Operating Netback	25.28	25.03	1	

#### GENERAL AND ADMINISTRATIVE EXPENSES

Bear Creek has not capitalized any G&A in current or prior years. For the three month period ended March 31, 2004, the Company had net G&A expenses of \$816,777 (including \$60,939 for stock based compensation expense) compared to \$860,117 for same prior year period. On a per unit basis the costs in the first quarter of 2004 were \$3.96 per boe compared to 2003 costs of \$5.78 per boe. Increased levels of activity and expanding capital programs have increased our staff count and administrative costs for 2004, while one time severance costs of \$400,000 impacted the first quarter of 2003.

Three Months Ended
March 31

G&A Expense	2004	2003	% Change
G&A expense (gross)	876,077	946,011	(7)
Overhead recoveries	(59,300)	(85,894)	(31)
G&A expense (net)	816,777	860,117	(5)
G&A expense \$ / boe (net)	3.96	5.78	(31)

#### INTEREST EXPENSE

In the three month period ended March 31, 2004, the Company recorded an interest expense of \$131,783, an increase from \$121,795 in the first quarter of 2003. The increase is a result of a higher draw on our operating bank line and interest costs incurred for flow through funds not spent by the end of February.

#### DEPLETION, DEPRECIATION AND ACCRETION (DD&A)

Depletion and deprecation in the first quarter of 2004 was \$2.4 million as compared to the first quarter of 2003, which was \$1.7 million for a 41 percent increase. The increase is a combination of increased production volumes and increased per unit costs as result of finding costs and the increase to our asset book value from the new asset retirement obligations booking (see Note #2). Accretion in the first quarter of 2004 was \$21,683 as compared to the first quarter of 2003, which was \$11,255 for a 93 percent increase. The increase is due to additional liabilities assumed from the Millennium acquisition and yearly activities.

Three Months Ended	
March 31	

(\$)	2004	2003	% Change
Depletion and depreciation	2,406,052	1,710,903	41
Accretion	21,683	11,255	93
Cost per boe			
Depletion and depreciation	12.60	11.50	10
Accretion	0.11	0.08	38

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For the three month period ended March 31, 2004, the Company recorded a current tax expense of \$31,579 and future tax expense of \$368,101 as compared to the \$20,000 current tax expense and \$516,000 future tax expense recorded in the first quarter of 2003. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company did not pay any current income taxes for 2004 or 2003.

#### CAPITAL EXPENDITURES

During the first quarter of 2004, the Company drilled 11 (4.8 net) wells resulting in 3 (1.0 net) gas wells, 6 (3.1 net) oil wells, and 2 (0.7 net) D&A wells for a 82 percent success rate. Capital expenditures during the first quarter of 2004, increased to \$9.0 million from the \$4.1 million incurred in the comparable 2003 period as drilling increased to 11 wells in 2004 from 2 in 2003.

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Capital Expenditures (\$000s)	2004	2003	% Change
Land acquisitions	1,447	148	878
Geological & geophysical	606	135	349
Drilling & completions	5,477	2,468	122
Equipment & facilities	1,670	1,357	23
Other	8	(7)	(214)
Asset Retirement Obligation PP&E adjustment	. 143	12	1092
Corporate acquisition	(312)	_	_
Total capital expenditures	9,039	4,113	120

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#### CHANGES IN ACCOUNTING POLICIES DURING THE CURRENT FISCAL YEAR

The Company has implemented the following new and amended standards in 2004 with the following impact on the 2003 financial statements where retroactive application was required:

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(\$000s)	January 1, 2004
Changes to consolidated balance sheet	
Increase to property, plant and equipment (net of accumulated depletion and depreciation)	1,698
Increase to asset retirement obligation	1,750
Decrease to future income tax liability	20
Impact to retained earnings	32

The implementation of new accounting policies in 2004 relating to asset retirement obligation have resulted in the restatement of previously reported annual and quarterly net income. The restatements were required under the transitional provisions of the respective accounting standards.

The following table illustrates the restatement impact of new accounting policies on quarterly net income for 2003.

			2003		
(\$000s)	Q1	Q2	Q3	Q4	Total
Net income before changes in accounting policy	513	614	451	(319)	1,259
Increase (decrease) in net income					
Depletion expense	(52)	(47)	(57)	(67)	(223)
Asset retirement accretion expense	(11)	(12)	(18)	(20)	(61)
Site restoration expense	34	32	25	40	131
Future income tax recovery/expense				· (5)	(5)
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amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

The Company has currently identified over 30 drilling prospects for 2004. Of these 11 (4.8 net) wells have been drilled in the first quarter of 2004 resulting in 3 (1.0 net) gas wells, 6 (3.1 net) oil wells, and 2 (0.7 net) D&A wells for a 82 percent success rate. The industry continues to be very competitive with the cost of land and services remaining high. With increased commodity prices pushing up industry cash flows we are experiencing greater competition for quality drilling opportunities.

Successful drilling in the last quarter of 2003 and early 2004 has left the Company with a number of development based projects to compliment the ongoing drilling program. The drilling program will continue to focus on natural gas and light oil targets in West Central Alberta and light oil projects in Southeast Saskatchewan. The Company also intends to pursue complimentary property or corporate acquisitions that will enhance the value of the Company.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.



### Highlights

- > Cash flow from operations increased to \$3.9 million, up 44% from Q1 2003 and 89% from Q4 2003
- > Earnings increased by 117% to \$1.05 million or 50% on a per share basis to \$0.06
- > Bank debt and working capital deficiency decreased 59% to \$5.3 million as a result of a successful \$12 million equity financing in the quarter
- > Operating netback was up 1% to \$25.28 per boe, despite lower commodity prices
- > Operating expenses improved to \$6.10 per boe, down 4% from Q1 2003 and 26% lower than Q4 2003
- > Production rose to 2,099 boe/d, up 27% from Q1 2003 and 19% from Q4 2003

- > An additional 1,000 boe/d of estimated production is awaiting completions, tie-ins or approvals for GPP or secondary recovery
- Active drilling program of 11 (4.8 net) wells resulted in 3 (1.0 net) gas wells, 6 (3.1 net) oil wells and 2 (0.7 net) dry holes for a 82% success rate
- > Exploration success at Sakwatamau in our West Central Alberta focus region resulted in a significant new oil pool discovery
- > Capital budget was expanded to \$30 million to fund increased development and facility costs associated with recent exploration successes at Westerose, Brazeau, Sakwatamau and Hazelwood
- > 2004 exit production target was increased to 3,500 boe/d

## Financial & Operating Highlights

Three Months Ended	2004	2003	% change
FINANCIAL (000s, except share amounts)			
Gross oil and natural gas revenue	7,576	6,374	19
Cash flow from operations	3,908	2,722	44
Per share basic (\$)	0.23	0.22	5
Per share diluted (\$)	0.22	0.22	· <u>-</u>
Net Income	1,051	484	117
Per share basic (\$)	0.06	0.04	50
Per share diluted (\$)	0.06	0.04	50
Capital Expenditures (net)	9,039	4,113	120
Bank debt and working capital deficiency	(5,294)	(12,768)	· (59)
Shares outstanding (000s)			
At period end	19,638	12,227	61
Weighted average during period, basic	17,180	12,216	41
Weighted average during period, diluted	17,603	12,216	44
OPERATING			
Production			
Natural gas (mcf/d)	5,737	4,008	43
Oil (bbls/day)	899	706	27
NGL's (bbls/d)	244	280	(13)
Oil equivalent (boe/d) (6:1)	2,099	1,653	27
Average wellhead prices			
Natural gas (\$/mcf)	6.68	7.76	(14)
Oil (\$/bbl)	40.10	39.88	1
NGL's (\$/bbl)	34.83	41.40	(16)
Operating netback (\$/boe)	25.28	25.03	1
Operating expense (\$/boe)	6.10	6.35	(4)
Wells Drilled			
Gross	11	2	450
Net	4.8	2	140
Net success rate	82%	50%	
Undeveloped land (net acres)	42,000	33,000	27

### Exploration and Operations Highlights

Our first quarter drilling program concentrated on new natural gas and light oil projects in Sakwatamau and Brazeau in our West Central Alberta focus region and Hazelwood in Southeast Saskatchewan. We have enjoyed early success in these new project areas and believe they each have the potential to grow into core properties to compliment our cornerstone Westerose asset in West Central. We drilled a total of 11 (4.8 net) wells in the quarter resulting in 3 (1.0 net) gas wells, 6 (3.1 net) oil wells and 2 (0.7 net) dry holes.

The highlight of our first quarter exploration program was a significant new light oil pool discovery in the Sakwatamau area of West Central Alberta. Bear Creek generated the prospect internally, posted and acquired the land at a Crown sale and drilled the discovery well 100%. We produced the 11-16 discovery well at rates exceeding 600 bbl/d for a period of 25 days until we reached our production allowable of 15,000 barrels. The 11-16 well is now restricted to 60 bbl/d. Once we delineate the pool and obtain approval for GPP or secondary recovery, we will be able to produce the discovery well and any successful development wells at their productive capabilities. Bear Creek owns a 100% interest in the section containing the discovery well and owns or has the right to earn interests ranging from 60% to 100% in several offsetting sections of land. We are nearing completion of a 5 mile all weather road to provide year round access for production and development operations. We plan to commence an active development drilling program in June.

At Hazelwood we commenced pipeline construction and installation of a 6,500 bbl/d oil battery prior to proceeding with a vertical and horizontal drilling program to fully develop the Mississippian Tilston oil pool we discovered with our 4-35 well in Q4 2003. During the first quarter, Bear Creek (50%) drilled a second new pool discovery well at 14-3 and shot an additional 15 square kilometers of seismic to delineate this new pool and pursue additional exploration leads on offsetting lands. An active drilling and land acquisition program is planned for Q2 and Q3 at Hazelwood.

We drilled 2 (0.65 net) successful gas wells at Brazeau during the quarter. One of the wells was completed and tied in as a Jurrasic gas well during the quarter. Production declined more rapidly than we had hoped and we are planning to recomplete upper zones in the well in the second quarter. The second well appears to be connected to an existing Elkton/Shunda gas pool and, although the well is only estimated to add 50 boe/d net in the second quarter, it has the potential to add significant gas reserves. A third gas well was successfully completed in the Mannville and is expected to add 75 boe/d net when it comes on stream late June.

#### PRODUCTION GROWTH, IMPROVED OPERATING EFFICIENCIES AND FINANCIAL PERFORMANCE

Production for the first quarter grew to an average of 2,099 boe/d, up 43% from 1,653 boe/d in the prior year period and 29% higher than our fourth quarter average of 1,757 boe/d. At the end of the first quarter Bear Creek had an estimated 500 bbl/d of shut in oil production at Sakwatamau waiting on pool delineation and GPP or waterflood approvals, 150 bbl/d of shut in oil production at Westerose waiting on GPP approval and 400 boe/d of behind pipe gas waiting on the tie-in of 2 wells at Brazeau, 1 well at Garrington and 1 well at Westerose.

Our first quarter operating costs dropped to \$6.10 per boe, representing a minor decrease from the \$6.35 first quarter 2003 cost but a significant decrease from the \$8.26 we incurred in the fourth quarter due to large one-time costs associated with the major turnaround at the Rimbey gas plant.

Despite the lower commodity prices and a significantly higher exchange rate for the Canadian dollar, production gains resulted in increased revenue, cash flow and net income compared to the prior year period. Revenue climbed 19% to \$7.57 million, cash flow was up 44% to \$3.9 million and net income jumped 117% to 1.05 million.

We completed a \$12 million bought deal financing at \$4.75 per share in the quarter to strengthen our balance sheet and enable the company to expand its 2004 capital budget to \$30 million. Accordingly, our bank debt and working capital deficiency was reduced to \$5.2 million, down 59% from the \$12.7 million posted in the first quarter 2003.

#### OUTLOOK AND GUIDANCE

Based on the encouraging results of our exploration program over the past 2 quarters we expanded our 2004 capital program to \$30 million. Although we have increased our year end exit target to 3,500 boe/d, our average 2004 production target remains at 2,500 boe/d. The majority of the expected 1,000 boe/d of shutin and behind pipe volumes are not forecast to come on stream until the latter part of the year and accordingly we are forecasting second quarter 2004 production comparable to our first quarter volumes.

We are very pleased with the number of lower risk development locations now included in our capital program and we remain excited about the depth, diversity and risk/reward potential of our exploration inventory.

Russell J. Tripp

President and Chief Executive Officer

## Management's Discussion And Analysis

This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the unaudited consolidated interim statements for the three months ended March 31, 2004 and March 31, 2003, and the audited consolidated financial statements of the year ended December 31, 2003.

Basis of Presentation – The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements – The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net income and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

**BOE** Presentation – The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 19 percent to \$7.6 million for the three months ended March 31, 2004, as compared to \$6.4 million for the same period in 2003. This increase was a result of increased sales volumes for the period offset with a smaller impact from lower gas and NGL prices. Gas volumes increased by 43 percent to 5.7 mmcf per day from 4.0 mmcf per day in 2003. Oil volumes increased 27 percent to 889 bbl per day from 706 bbl per day and NGL volumes decreased by 13 percent to 244 bbl per day from the 280 bbl per day from the first quarter of 2003. The increased volumes were a result of drilling that focused on gas opportunities in Westerose and Sunchild areas while the oil increases were a combination of our new Saskatchewan volumes as well as the new oil play in our Sakwatamau area.

	Three Months Ended March 31		
Average daily production volumes	2004	2003	%
Natural gas (mcf/d)	5,737	4,008	43
Oil (bbl/d)	899	706	27
NGL's (bbl/d)	244	280	(13)
Total (boe/d)	2,099	1,653	27

Prices for natural gas decreased 14 % to \$6.68 per mcf in the first quarter from \$7.76 in the same quarter of 2003. Oil prices were up marginally to \$40.10 per bbl as compared to \$39.88 for the first quarter of 2003, while NGL's were down 16 % to \$34.83 per bbl as compared to \$41.40 in 2003. Prices are net of oil hedge transaction costs of \$86,775 in the first quarter of 2004 or \$1.06 per bbl as compared to \$276,028 or \$4.35 per bbl in 2003. There were no gas hedges in place for the first quarter of 2004 while the costs in 2003 were \$147,124 or \$0.41 per mcf. These contracts are used as a method to provide downside protection for our cash flow.

		Three Months Ended March 31	
Average prices per unit of production	2004	2003	
Gas	•		
Gross \$/mcf (before hedge)	6.68	8.17	
Hedge gain/(loss) \$/mcf	-	(0.41)	
Net \$/mcf	6.68	7.76	
Oil			
Gross \$/bbl (before hedge)	41.16	44.23	
Hedge gain / (loss) \$/bbl	(1.06)	(4.35)	
Net \$/bbl	40.10	39.88	
NGL's			
Gross \$/bbl (before hedge)	34.83	41.40	
Hedge gain / (loss) \$/bbl	-	_	
Net \$/bbl	34.83	41.40	

#### CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$3.9 million (\$0.23 per share) in the first quarter of 2004 as compared to \$2.7 million (\$0.22 per share) in the first quarter of 2003. The increased cash flow for the comparative quarter of 2003 is a result of strong production increases realized which were offset by reduced prices for gas and NGL's.

The Company recorded net income of \$1.1 million in the first quarter of 2004 compared to income of \$0.5 million in the first quarter of 2003. The increase in income in the first quarter is a result of production increases, lowering production cost per boe, general and administrative charges per boe and reduced royalty per boe charges due to a royalty holiday on new oil production.

	Three Months Ended March 31		
	2004	2003	% Change
Cash flow from operations - per share			
Basic	\$ 0.23	\$ 0.22	5
Diluted	\$ 0.22	\$ 0.22	_
Net income - per share			
Basic	\$ 0.06	\$ 0.04	50
Diluted	\$ 0.06	\$ 0.04	50

#### ROYALTIES

Royalties for the first quarter of 2004 were \$1.6 million as compared to \$1.7 million in the first quarter of 2003. Royalties in the first quarter of 2004 decreased as a percentage of sales as compared to 2003 as a result of royalty relief received on oil production in a new pool discovery and reduced rates on natural gas as a result of the lower prices.

Three Months Ended
March 31

Royalty Category	2004	2003	% Change
Crown	779,686	1,500,867	(48)
Freehold	625,856	249,700	151
Override	207,493	140,828	47
ARTC	(77,239)	(215,000)	(64)
FH Tax	48,756	27,537	77
Total Royalty	1,584,552	1,703,932	(7)

#### OPERATING EXPENSES

Operating expenses for the first quarter of 2004 were \$1,165,351 as compared to \$945,638 for the first quarter of 2003. On a per unit basis, the 2004 cost of \$6.10 per boe is down slightly in comparison to the first quarter of 2003, which was \$6.35 per boe.

#### OPERATING NETBACK

The operating netback for the three months ended March 31, 2004, of \$25.28 per boe has increased marginally when compared to the same period in 2003 of \$25.03 per boe.

		Three Months Ended  March 31		
Operating Netback	2004	2003	% Change	
\$/boe				
Sales price	39,68	42.83	(7)	
Royalties	(8.30)	(11.45)	(28)	
Operating expense	(6.10)	(6.35)	(4)	
Operating Netback	25.28	25.03	1	

#### GENERAL AND ADMINISTRATIVE EXPENSES

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#### Full cost accounting

In September 2003 the CICA issue Accounting Guideline 16 "Oil and Gas Accounting – Full Cost". The Guideline modifies the ceiling test, which limits the aggregate capitalized costs that may be carried forward to future periods. Specific new guidance was provided on several issues, including the frequency of conducting impairment tests, the testing for recoverability and the method of determining fair value. The Guideline recommends the impairment test should be conducted at each balance sheet date. Recovery of costs is tested by comparing the carrying amount of the oil and natural gas assets to the undiscounted cash flows from those assets using proved reserves and expected future prices and costs. If the carrying

amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

The Company has currently identified over 30 drilling prospects for 2004. Of these 11 (4.8 net) wells have been drilled in the first quarter of 2004 resulting in 3 (1.0 net) gas wells, 6 (3.1 net) oil wells, and 2 (0.7 net) D&A wells for a 82 percent success rate. The industry continues to be very competitive with the cost of land and services remaining high. With increased commodity prices pushing up industry cash flows we are experiencing greater competition for quality drilling opportunities.

Successful drilling in the last quarter of 2003 and early 2004 has left the Company with a number of development based projects to compliment the ongoing drilling program. The drilling program will continue to focus on natural gas and light oil targets in West Central Alberta and light oil projects in Southeast Saskatchewan. The Company also intends to pursue complimentary property or corporate acquisitions that will enhance the value of the Company.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.

### Consolidated Balance Sheets

As at	March 31, 2004	December 31, 2003
	\$ unaudited	(restated- note 2)
ASSETS		
Current		
Accounts receivable	5,652,194	4,870,344
Prepaids and deposits	150,126	63,414
	5,802,320	4,935,758
Property and equipment [note 2]	66,112,030	59,479,572
	71,914,350	64,413,330
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current		
Accounts payable and accrued liabilities	6,643,792	9,349,265
Bank operating loan [note 4]	4,452,870	7,509,862
	11,096,662	16,859,127
Future income taxes [note 7]	4,846,226	4,788,347
Asset retirement obligation [notes 2 & 6]	2,318,980	2,153,954
	18,261,868	23,801,428
Commitments [notes 8 & 9]		
Shareholders' equity		
Share capital [note 5]	50,982,177	39,053,715
Contributed surplus	135,644	74,705
Retained earnings [note 2]	2,534,661	1,483,482
	53,652,482	40,611,902
	71,914,350	64,413,330

## Consolidated Statements of Net Income and Retained Earnings

unaudited

For the three months ended March 31	2004	2003
	\$	(restated- note 2)
REVENUE	Ψ	Ψ
Petroleum and natural gas	7,576,014	6,373,971
Royalties, net of Alberta Royalty Tax Credit	(1,584,552)	(1,703,932)
Interest	1,043	
	5,992,505	4,670,039
EXPENSES		
Operating	1,165,351	945,638
General and administrative	816,777	860,117
Interest	131,783	121,795
Depletion, depreciation and accretion	2,427,735	1,722,158
	4,541,646	3,649,708
Income before income taxes	1,450,859	1,020,331
Income taxes [note 7]		
Current	31,579	20,000
Future	368,101	516,000
	399,680	536,000
Net income	1,051,179	484,331
Retained earnings, beginning of period	1,483,482	256,266
Change in accounting policy [note 2]		(39,110)
Retained earnings, end of period	2,534,661	701,487
Net income per share [note 5]		
Basic	\$0.06	\$0.04
Diluted	\$0.06	\$0.04

## Consolidated Statement Of Cash Flows

unaudited

For the three months ended March 31	2004	2003
	Φ.	(restated- note 2)
	\$	\$
OPERATING ACTIVITIES		
Net income	1,051,179	484,331
Add items not requiring cash:		
Depletion, depreciation and accretion	2,427,735	1,722,158
Stock based compensation expense	60,939	
Future income tax expense [note 7]	368,101	516,000
Funds provided by operations	3,907,954	2,722,489
Change in non-cash working capital	(2,465,018)	113,304
Cash provided by operations	1,442,936	2,835,793
,		
FINANCING ACTIVITIES	•	
(Decrease) Increase in bank operating loan	(3,056,992)	1,437,674
Issue of common shares for cash, net of costs	11,618,241	30,015
Cash provided by financing activities	8,561,249	1,467,689
INVESTING ACTIVITIES		
Acquisition of property and equipment	_	_
Expenditures on property and equipment	(9,207,185)	(4,100,982)
Change in non-cash working capital	(797,000)	(202,500)
Cash used in investing activities	(10,004,185)	(4,303,482)
Cash, beginning and end of period	_	

#### Notes to Consolidated Financial Statements

#### 1. BASIS OF PRESENTATION

The unaudited interim consolidated financial statements of Bear Creek Energy Ltd. ("the Company"), have been prepared by management in accordance with accounting policies generally accepted in Canada. The interim unaudited consolidated financial statements have been prepared following the same accounting policies and methods of computation as the consolidated financial statements for the fiscal year ended December 31, 2003, except as described in Note 2 below. The disclosures included below are incremental to those included with the annual consolidated financial statements. The interim consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in the Company's annual report for the year ended December 31, 2003.

#### 2. CHANGES IN ACCOUNTING POLICIES

#### Full cost accounting guideline

In January 2004, the Company adopted Accounting Guideline 16 "Oil and Gas Accounting – Full cost", the new guideline issued by the Canadian Institute of Chartered Accountants ("CICA") which replaces Accounting Guideline 5 "Full Cost Accounting in the Oil and Gas Industry". Under the new guideline, future net revenues from total proven reserves used in the ceiling test calculation are estimated using expected future product prices and costs, where under the prior guideline, constant prices and costs were utilized. Future general and administrative and financing charges are no longer deducted in arriving at the ceiling value. Where a ceiling test failure occurs, probable reserve values may now be included in determining the impairment amount.

The adoption of the new guideline resulted in no change to net income, fixed assets or other reported amounts in the December 31, 2003 consolidated financial statements.

#### Asset retirement obligation

Effective January 1, 2004, the Company adopted CICA Handbook Section 3110 "Asset Retirement Obligations". The new standard requires the Company to record the fair value of an asset retirement obligation as a liability in the period in which it incurs a legal obligation associated with the retirement of tangible long-lived assets that result from the acquisition, construction, development and/or normal use of assets. The associated asset retirement costs are capitalized as part of the carrying amount of the long-lived asset and depleted and depreciated using a unit of production method over gross proved reserves. Subsequent to the initial measurement of the asset retirement obligations, the obligations are adjusted at the end of each period to reflect the passage of time (accretion) and changes in the estimated future cash flows underlying the obligation.

Prior to the adoption of this new standard, the Company recognized a provision for site restoration and abandonment costs calculated on the unit of production method over the life of the petroleum and natural gas properties based on the total estimated proved reserves and the estimated future liability.

The effect of this change in accounting policy has been recorded retroactively with restatement of prior periods. The effect of the adoption is presented below as increases (decreases):

Balance sheet	As at December 31, 2003
Opening retained earnings, January 1, 2003	(39,110)
Asset retirement costs, included in property and equipment	2,054,531
Accumulated amortization on asset retirement costs, included in property and equipment	357,077
Asset retirement obligations	2,153,954
Accumulated future site restoration liability	(404,126)
Future income tax liability	(20.358)
Retained earnings	(32,016)

	Three months ended
Income statement	March 31, 2003
Accretion expense	11,255
Depletion and depreciation on asset retirement costs	52,082
Provision for future site restoration	(34,226)
Net income impact	(29,111)
Basic and diluted net income per share	

There was no impact on the Company's cash flow as a result of adopting this new policy. See note 6 for additional information on the asset retirement obligation and the impact on the consolidated financial statements.

#### 3. BUSINESS COMBINATION

On July 25, 2003, by plan of arrangement ("Arrangement"), Millennium Energy Inc. ("Millennium") acquired all of the issued and outstanding shares of Crossfield Gas Corp. ("Crossfield"), a private oil and natural gas company. In addition, the 2,791,333 Crossfield options not exercised were converted into Millennium options. Immediately following the acquisition, Millennium consolidated its shares on a one for fifteen basis and changed its name to Bear Creek Energy Ltd.

In the first quarter of 2004 an adjustment to the allocation of the purchase price has been made to reduce the amount allocated to PP&E by \$312,017 with a corresponding increase to working capital.

#### 4. BANK OPERATING LOAN

The Company has a \$24 million revolving production loan facility with a Canadian financial institution that bears interest at its prime rate plus 0.25%. A general assignment of assets and a continuing debenture in the amount of \$50 million has been pledged as collateral for loans under the facility. The Company has extended a \$420,000 letter of guarantee to a provider of gas transportation services.

The terms of the banking arrangement allow for the financial institution to apply all cash balances against the outstanding line of credit at any time and as such the Company nets any cash balances at a reporting period against the bank operating loan.

At March 31, 2004 the effective interest rate on the amount outstanding under the facility was 4.25 % (2003 – 5.25%). Cash interest paid during the 3 month period ended March 31, 2004 was \$115,988 (2003 – \$121,795).

#### 5. SHARE CAPITAL

#### Authorized

Unlimited number of voting common shares with no par value

#### Issued

	Number of Shares	\$	
Balance, December 31, 2003	16,978,305	39,053,715	
Issue of common shares for cash (a)	2,532,500	12,029,375	
Exercise of stock options	126,866	371,858	
Share issue costs, net of tax benefits of \$310,221		(472,771)	
Balance, March 31, 2004	19,637,671	50,982,177	

(a) In March 2004 the Company issued 2,532,500 common shares for gross proceeds of \$12,029,375

The Company has 333,333 warrants outstanding which are each convertible into Bear Creek common shares at a price of \$5.40 per warrant. These warrants are not convertible until July 25, 2004 and expire on July 24, 2006.

The following is a continuity of stock options outstanding for which shares have been reserved:

		Weighted Average	
Stock Options	Options	Exercise Price (\$)	
December 31, 2003	1,622,800	3.20	
Granted	10,000	4.20	
Exercised	(126,866)	2.93	
Cancelled	(50,000)	3.21	
March 31, 2004	1,455,934	3.23	

The following summarizes information about stock options outstanding at March 31, 2004:

Grant Price	Number Outstanding	Weighted Average Remaining Contractual Life (years)	Weighted Average Exercise Price	Number Exercisable (Vested)	Weighted Average Exercise Price (Vested)
\$2.25 - \$3.00	978,434	2.9	\$2.95	539,534	2.92
\$3.15	1,667	0.3	\$3.15	1,667	3.15
\$3.75 - \$4.20	475,833	4.5	\$3.81	34,000	3.95
	1,455,934	3.5	3.23	575,201	2.98

#### Per share amounts

The following table summarizes the common shares used in calculating net income per share.

	Three months ended March 31			
Weighted Average Common shares	2004	2003		
Basic	17,179,639	12,216,399		
Diluted	17,603,100	12,216,399		

#### 6. ASSET RETIREMENT OBLIGATION

The total future asset retirement obligation was estimated based on the Company's net ownership in all wells and facilities, estimated costs to reclaim and abandon the wells and the estimated timing of costs to be incurred in future periods. The Company has estimated the net present value of its asset retirement obligations to be \$2.3 million as at March 31, 2004 based on a total future liability of \$5.4 million which will be incurred between 2009 and 2044. A credit adjusted risk free rate of 7 percent and an inflation rate of 3 percent were used to calculate the fair value of the asset retirement obligation.

A reconciliation of the asset retirement obligation is provided below:

	Three mor	Year Ended	
	March 31	March 31	December 31
	2004	2003_	2003
Balance, beginning of period	2,153,954	1,216,379	1,216,379
Liabilities incurred in period	143,343	12,031	876,407
Liabilities settled in period	-	-	-
Accretion expense	21,683	11,255	61,168
Balance, end of period	2,318,980	1,239,665	2,153,954

#### 7. INCOME TAXES

Income taxes recorded in the consolidated statements of net income and retained earnings differ from the tax calculated by applying the combined Canadian federal and provincial corporate income tax rate to income before income taxes as follows:

Three months ended March 31,	2004	2003
	· \$	\$
Computed income tax expense at 38.87%		
(2003 – 42.12%)	570,088	445,731
Add (deduct) income tax effect of:		
Non-deductible crown charges, net of ARTC	220,306	553,135
Resource allowance	(319,959)	(412,046)
Benefit of tax rate changes	(128,013)	-
Benefit of pools not previously recognized	-	(70,820)
Other	25,679	-
Future income tax expense	368,101	516,000
Large corporation tax	31,579	20,000
Income tax	399,680	536,000

#### 8. FINANCIAL INSTRUMENTS

#### a) Fair value

As at March 31, 2004, the Company had the following hedges outstanding:

Crude oil swap referenced to WTI index	Quantity/Day	Price/Barrel
January 1, 2004 - June 30, 2004	200 barrels	US\$26.00 - \$31.55 Costless collar
July 1, 2004 – December 31, 2004	200 barrels	US\$30.00 - \$35.00 Costless collar

#### 9. COMMITMENTS

Bear Creek is committed to payments under operating leases for office space, and transportation obligations as follows.

	Office Space	Transportation	Total
2004	192,234	560,207	752,441
2005	192,234	368,221	560,455
2006	64,047	368,221	432,299
2007		368,221	368,221
2008		368,221	368,221

The Company has an annual option to acquire the transportation pipeline which, if exercised would reduce the future years commitments by \$368,221 per year.

#### 10. COMPARATIVE FIGURES

Certain comparative figures have been reclassified to conform to the presentation adopted for the current period.

### Corporate Information

DIRECTORS Martin A. Lambert (2) (3) Chairman Bear Creek Energy Ltd. Partner, Bennett Jones LLP Calgary, Alberta

Geoffrey A. Cumming (1) (4) Vice Chairman Gardiner Group Capital Ltd. Auckland, New Zealand

Martin Hislop (1) (4) Chief Executive Officer APF Energy Ltd. Calgary, Alberta

John A. Howard (5) President, Lunar Enterprises Corp. Calgary, Alberta

Garry Tanner (1) (2) (3) Senior Vice President and Chief Operating Officer EnerPlus Resources Fund Calgary, Alberta

Russell J. Tripp President and Chief Executive Officer Bear Creek Energy Ltd. Calgary, Alberta

- (1) Audit Committee
- (2) Compensation Committee
- (3) Reserves Committee
- (4) Governance and Nominating Committee
- (5) Nominated board member

**OFFICERS** 

Russell J. Tripp, LL.B, P.Land President and Chief Executive Officer

Neil G. Bokenfohr, B.Sc., P.Eng. Vice President, Engineering

Douglas C. Hibbs, B.Sc., P.Geol Vice President, Exploration

R. Alan Steele, CMA Vice President, Finance & CFO

Korby Zimmerman, B.Comm., PLM Vice President, Land

PROFESSIONAL STAFF C.E. (Cal) Jaycock, B.Sc., P.Geol. Senior Geologist

Elizabeth More, B.Sc., P.Geol. Senior Geologist

Kelly Novakowski, B.Comm., CMA Controller

Andrew Wiacek, M.Sc., P.Geoph. Manager, Geophysics

Kenneth E. Wing, B.Sc., P.Eng. Manager of Operations

CORPORATE OFFICE Bear Creek Energy Ltd. 1240, 407 - 2nd Street S.W.

Calgary Alberta T2P 2Y3 Telephone: (403) 517-3700 Facsimile: (403) 517-3711

Website: www.bearcreekenergy.com

STOCK EXCHANGE LISTING The Toronto Stock Exchange (TSX) Symbol: BCK

BANKER ATB Financial 239 - 8th Avenue S.W. Calgary, Alberta T2P 1B9

SOLICITOR Bennett Jones LLP 4500 Bankers Hall East 855 - 2nd Street S.W. Calgary, Alberta T2P 4K7

AUDITOR Ernst & Young LLP 1000, 440 - 2nd Avenue S.W. Calgary, Alberta T2P 5E9

CONSULTING ENGINEERS Gilbert Laustsen Jung Associates Ltd. 4100, 400 - 3rd Avenue S.W. Calgary, Alberta T2P 4H2

#### ABBREVIATIONS

Alberta Royalty Tax Credit

bbl barrel

bbl/d barrels of oil per day

mbbls thousand barrels

boe

barrels of oil equivalent\*

boe/d

barrels of oil equivalent per day\*

mboe

thousand barrels of oil equivalent\*

thousand cubic feet

mmcf mcf/d million cubic feet thousand cubic feet per day

NGL

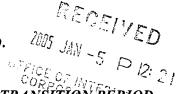
natural gas liquid

WTI

West Texas Intermediate

<sup>\*6</sup> mcf of gas = 1 barrel of oil

#### BEAR CREEK ENERGY LTD. FORM 52-109FT2



# CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

- I, Russell J. Tripp, certify that:
- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending March 31, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: May 14, 2004

(Signed) Russell J. Tripp
President and Chief Executive Officer

# BEAR CREEK ENERGY LTD. FORM 52-109FT2

#### CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

#### I, R. Alan Steele, certify that:

- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending March 31, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: May 14, 2004

(Signed) R. Alan Steele Vice President, Finance and Chief Financial Officer



## Highlights

- Sonducted a record drilling program, despite delays from extremely wet weather, and cased all 18 (9.9 net) wells drilled in the quarter for a 100% success rate
- > Production of 1,874 boe/d was up 23% over Q2 2003, but was below budgeted volumes for the quarter due to shutin production and operational delays caused by wet weather conditions
- > Cash flow from operations of \$3.5 million was up 65% over Q2 2003, but was lower than our forecast due to weather related shut-in production and operational delays
- > Earnings climbed 64% from Q2 2003 to \$0.96 million

- > Operating netback rose 32% to \$27.12 per boe
- > Operating expenses of \$5.98 per boe were down 16% from the 2003 average of \$7.10
- > Capital expenditures increased 246% from Q2 2003 to \$9.9 million
- > Bank debt and working capital deficiency decreased 14% from Q2 2003 to \$11.5 million
- > Undeveloped lands grew 61% to 53,000 net acres from 33,000 net acres in Q2 2003
- A very active Q3 drilling program is underway with 10 (4.71 net) wells drilled and cased to date for a 90% success rate

# Financial & Operating Highlights

		Three mon	iths		Six mont	hs
	ended June 30			ended June 30		
	2004	2003	% Change	2004	2003	% Change
FINANCIAL (\$000s, except per share amount	ts)					
Gross oil and natural gas revenue	7,190	4,951	45	14,766	11,325	30
Cash flow from operations	3,541	2,145	65	7,449	4,868	53
Per share - basic (\$)	0.18	0.18	-	0.40	0.40	_
Per share – diluted (\$)	0.18	0.18	-	0.39	0.40	(3)
Net Earnings	964	587	64	2,016	1,071	88
Per share - basic (\$)	0.05	0.05	-	0.11	0.09	22
Per share – diluted (\$)	0.05	0.05	-	0.11	0.09	22
Capital Expenditures	9,930	2,868	246	18,968	6,982	172
Bank debt and working capital deficiency	(11,497)	(13,445)	(14)	(11,497)	(13,445)	(14)
Shares outstanding (000s)						
At period end	19,675	12,238	61	19,675	12,227	61
Weighted average during period, basic	19,650	12,238	61	18,415	12,227	51
Weighted average during period, diluted	20,205	12,238	65	18,895	12,227	55
OPERATING Production						
Natural gas (mcf/d)	5,180	4,117	26	5,458	4,063	34
Oil (bbls/day)	753	643	17	826	674	23
NGL's (bbls/d)	258	199	30	251	239	5
Oil and equivalent (boe/d) ( 6:1)	1,874	1,528	23	1,986	1,590	25
Average wellhead prices						
Natural gas (\$/mcf)	\$7.12	\$6.88	3	\$6.89	\$7.31	(6)
Oil (\$/bbl)	\$42.88	\$31.07	38	\$41.37	\$35.66	16
NGL's (\$/bbl)	\$36.81	\$30.67	20	\$35.85	\$36.91	(3)
Operating Netback (\$/boe)	\$27.12	\$20.45	32	\$26.15	\$22.81	15
Wells Drilled						
Gross	18	2	800	29	4	625
Net	9.9	1.5	560	14.8	3.5	323
Net success rate	100%	100%	-	90%	75%	20
Undeveloped land (net acres)	53,000	33,000	61%	53,000	33,000	61%

## Exploration and Operations Highlights

Bear Creek drilled a record number of exploration and development wells during the quarter with results well above our expectations. All 18 (9.9 net) wells in the quarter were cased as potential oil or gas wells for a 100% success rate. Unfortunately, the wet weather we have experienced in all of our operating areas since breakup delayed most of our drilling operations until late in the quarter and continues to impede certain Q3 drilling, completion and tie-in operations. As a result of weather related shut-in production and operational delays we have reduced our average annual production forecast for 2004 by 200 boe/d to 2,300 boe/d. Based on the continued success of our drilling program we are on track to meet or exceed the company's 2004 exit target of 3,500 boe/d.

The multi-zone potential of our Westerose core property in Central Alberta continues to deliver low to medium risk growth opportunities. Bear Creek drilled and cased 5 (3.5 net) potential gas wells at Westerose during the quarter consisting of 1 (1.0 net) Basal Quartz well, 1 (1.0 net) Lower Mannville well and 3 (1.5 net) Edmonton sand wells. We successfully completed the Basal Quartz and Notikewin wells and 2 of the Edmonton sand wells in the third quarter and expect the remaining Edmonton sand well will be completed later in the quarter. The four successful gas wells are forecast to come on stream this quarter. Our Q3 2004 exploration and development program includes 4 (3.0 net) wells to test Banff, Glauconite, Lower Mannville and Edmonton gas prospects in the Westerose area.

At Brazeau/Ferrier in West Central Alberta we drilled and cased 1 (0.25 net) well for a potential Elkton/Shunda gas zone and 1 (0.5 net) for a potential Rock Creek gas zone. The Rock Creek zone has been successfully completed and is expected to be on stream later in the third quarter. Q3 activity at Brazeau/Ferrier includes 1 (0.38 net) re-completion of a potential Ellerslie gas zone, 1 (1.0 net) recompletion of a potential Rock Creek gas zone and 1 (0.5 net) well to test a Rock Creek prospect.

At Sakwatmau/Goodwin in West Central Alberta we drilled 5 (4.03 net) wells during the quarter and cased all 5 wells to evaluate potential oil and gas zones. Three of the 5 wells were step-outs to our 11-16 Viking oil discovery and were drilled on a geological trend to delineate this new Viking oil pool and to earn additional offset lands and evaluate crown land postings. Completion attempts in the primary Viking zone were unsuccessful in these 3 wells and we are currently evaluating uphole potential. Of the remaining 2 wells drilled in this area during the second quarter, 1 (1.0 net) was successfully completed as a Lower Mannville gas well and 1 (0.03 net) was successfully completed as a Basal Quartz gas well. Both gas wells are expected to be on stream this quarter. Third quarter activity has already seen an additional 3 wells (1.34) drilled and cased in this growing area. One well (.5 net) was dually completed as a Basal Quartz/Glauconite gas well, and 1 (.34 net) as a Basal Quartz gas well with both wells expected to be tied-in this quarter. The third well (.5 net) was a 3,000 metre Swan Hills oil test that is currently waiting on completion. Two (1.6 net) additional wells are expected to drill this quarter offsetting our 11-16 Viking oil discovery.

In Southeast Saskatchewan Bear Creek drilled 3 (1.2 net) vertical development wells in our Hazelwood Tilston "A" pool. All 3 wells were successfully completed as Mississippian Tilston light oil wells and commenced production in Q2. During the quarter we completed installation of a 6,500 bbl/d oil battery, constructed a pipeline to connect the battery to an oil sales line and drilled a water disposal on the battery site. The facility is now fully operational and will reduce operating costs significantly. During Q3 we plan to drill 4 horizontal development wells in the "A" pool. The first horizontal well has just finished drilling and is waiting on completion and the second horizontal well is drilling. We shot an additional 15 square mile 3D seismic program at Hazelwood to delineate our Hazelwood Tilston "B" pool and to evaluate additional prospects

in the region. We plan to drill our first vertical development well in the "B" pool during Q3 prior to moving ahead with a multi-well horizontal development program. This well will be drilled to the Red River to evaluate a deeper prospect underlying our "B" pool. Based on the number of prospects identified on our new 3D seismic program, we have committed to drill 3 (1.5 net) exploration wells during Q3 and have tied up over 30 additional sections of land in the area.

In the Peace River Arch region we have been assembling land positions on a number of internally generated prospects over the past several months. In the third quarter we drilled 1 (0.33 net) well at Mulligan and cased the well as a potential dual zone gas well. We plan to complete this well in the next few weeks. Additional drilling is planned at Mica, Doe and Tupper prior to year end to evaluate multi-zone gas prospects on our current land holdings.

#### PRODUCTION AND FINANCIAL HIGHLIGHTS

Production for the second quarter averaged 1,874 boe/d. Although this represents a 23% increase over Q2 2003, our second quarter production was approximately 225 boe/d lower than Q1 2004 and was below our Q2 2004 forecast by a similar amount. The lower than expected volumes was a result of shut-in production and operational delays caused by the extreme wet weather we experienced during the quarter and into the third quarter. As a result we have reduced our forecast average 2004 production to 2,300 boe/d from 2,500 boe/d but are maintaining our year end exit forecast at 3,500 boe/d based on the continued success of our drilling program.

Cash flow from operations increased 65% to \$3.54 million from \$2.14 million in the prior year quarter but was down 9% from \$3.9 million in Q1 2004. The impact of reduced production volumes on second quarter cash flow was largely offset by higher commodity prices. Similarly, net earnings increased 64% to \$0.96 million from \$0.58 million in Q2 2003 but were down marginally from \$1.0 million in the prior quarter.

Operating expenses continue to show improvement in Q2 2004 at \$5.98 per boe, a decrease from \$6.10 in Q1 2004 and a 16% decrease from the 2003 average of \$7.10. Our operating netback of \$27.12 per boe was up 32% from the \$20.45 posted in Q2 2003 and 7% from \$25.28 in Q1 2004 mainly due to commodity price strength.

#### OUTLOOK AND GUIDANCE

Although we have had to reduce our 2004 average production forecast to 2,300 boe/d from 2,500 boe/d due to shut-in issues and operational delays arising from the wet weather conditions, we continue to expect to meet our 2004 exit target of 3,500 boe/d. Our exploration and development drilling program has delivered strong results and we have a very good mix of low to medium risk drilling and higher impact prospects for the balance of the year.

Russell I. Tripp

President and Chief Executive Officer

# Management's Discussion and Analysis

This management's discussion and analysis ("MD&A") should be read in conjunction with the unaudited consolidated financial statements and notes for the three and six months ended June 30, 2004 and 2003 and the audited consolidated financial statements of the year ended December 31, 2003. This MD&A was written on August 5, 2004.

**Basis of Presentation** – The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements – The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net earnings and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

BOE Presentation – The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 Mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 45 percent to \$7.2 million for the three months ended June 30, 2004 as compared to \$5.0 million for the same period in 2003. This increase was a result of increased sales volumes and increased oil and NGL prices. Gas volumes increased by 26 percent to 5.2 mmcf per day from 4.1 mmcf per day in 2003. Oil volumes increased to 753 bbl per day from 643 bbl per day and NGL's were up to 258 bbl per day for a 30 % increase over the 199 bbl per day from the second quarter of 2003. For the six month period ended June 30, 2004 gas volumes were up 34 percent to 5.5 mmcf per day while oil volumes were up 23 percent and NGL's were up 5 percent compared to the six months ended June 30, 2003.

	Three months ended June 30			Six months ended June 30		
Average daily production volumes	2004	2003	% Change	2004	2003	% Change
Natural gas (mcf/d)	5,180	4,117	26	5,458	4,063	34
Oil (bbl/d)	753	643	17	826	674	23
NGL's (bbl/d)	258	199	30	251	239	5
Total (boe/d)	1,874	1,528	23	1,986	1,590	25

Prices for natural gas increased to \$7.12 per mcf in the second quarter from \$6.88 in the same quarter of 2003. Oil prices were up to \$42.88 per bbl as compared to \$31.07 for the second quarter of 2003, while NGL's were up 20 percent to \$36.81 per bbl as compared to \$30.67 in 2003. These prices are net of hedge losses in the second quarter of 2004 of \$168,931 for oil, or \$2.46 per bbl as compared to \$101,953, or \$1.74 per bbl in 2003. These contracts are used as a method to provide

downside protection for our cash flow. See note #8 for current hedging summary. For the six months ended June 30, 2004 gas prices were down 6 percent to \$6.89 per mcf as compared to the first six months of 2003. Oil prices were up 16 percent to \$41.37 per bbl while NGL's prices decreased 3 percent to \$35.85 per bbl when compared to the first six months of 2003.

Oil prices are derived from the WTI average price and the U.S. \$ exchange rate. For the first six months of 2003, WTI oil averaged \$U.S. 31.54/bbl and the exchange rate was .689, while for the six months ended June 30, 2004, WTI oil averaged \$U.S. 36.80 /bbl, while the Canadian dollar strengthened to an average exchange rate of .747.

	Three months	ended June 30	Six months ended June 30		
Average prices per unit of production	2004	2003	2004	2003	
Gas					
Gross \$/mcf (before hedge)	7.12	7.05	6.89	7.60	
Hedge gain/(loss) \$/mcf	_	(0.17)	_	(0.29)	
Net \$/mcf	7.12	6.88	6.89	7.31	
Oil					
Gross \$/bbl (before hedge)	45.34	32.81	43.07	38.76	
Hedge gain / (loss) \$/bbl	(2.46)	(1.74)	(1.70)	(3.10)	
Net \$/bbl	42.88	31.07	41.37	35.66	
NGL's					
Gross \$/bbl (before hedge)	36.81	30.67	35.85	36.91	
Hedge gain / (loss) \$/bbl	_	-	<del></del>	-	
Net \$/bbl	36.81	30.67	35.85	36.91	

#### CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$3.5 million (\$0.18 per share) in the second quarter of 2004 as compared to \$2.1 million (\$0.18 per share) in the second quarter of 2003. The increased cash flow for the comparative quarters of 2003 is a result of higher oil prices and strong production increases. For the six months ended June 30, 2004 the Company generated cash flow from operations of \$7.4 million (\$0.40 per share) compared to \$4.9 million (\$0.40 per share) in the prior year as a result of increased production and pricing.

The Company recorded net income of \$1.0 million in the second quarter of 2004 compared to \$0.6 million in the second quarter of 2003. Net income for the six months ended June 30, 2004 rose 88% to \$2.0 million (\$0.11 per share) compared to \$1.1 million (\$0.09 per share) for the same prior year period.

	Three months ended June 30			Six months ended June 30		
		(restated)		(restated)		
	2004	2003	% Change	2004	2003	% Change
Cash flow from operations - per share						
Basic	0.18	0.18	_	0.40	0.40	- Mar
Diluted	0.18	0.18	_	0.39	0.40	(3)
Net Income - per share						•
Basic	0.05	0.05	-	0.11	0.09	22
Diluted	0.05	0.05	-	0.11	0.09	22

#### ROYALTIES

Royalties for the second quarter of 2004 were \$1.5 million as compared to \$1.3 million in the second quarter of 2003. For the six months ended June 30, 2004 net royalties of \$3.1 million represent 21 percent of revenues as compared to \$3.0 million (26 percent of revenues) in 2003. Royalties in 2004 decreased as a percentage of sales compared to 2003 as a result of royalty relief received on oil production in a new pool discovery and reduced rates on natural gas as a result of lower prices.

	Three months ended June 30			Six months ended June 30			
(\$)	2004	2003	% Change	2004	2003	% Change	
Royalty Category							
Crown	901,803	937,444	(4)	1,681,489	2,438,311	(31)	
Freehold	540,588	220,689	145	1,166,445	470,388	134	
Override	102,527	144,940	(29)	310,019	285,769	8	
ARTC	(48,342)	(62)	-	(125,581)	(215,062)	(42)	
FH Tax	48,063	105	_	96,819	27,642	250	
Total Royalty	1,544,639	1,303,116	19	3,129,191	3,007,048	3	

#### **OPERATING EXPENSES**

Operating expenses for the second quarter of 2004 were \$1,019,207 as compared to \$804,521 for the second quarter of 2003. On a per unit basis the 2004 cost is \$5.98 per boe as compared to the second quarter of 2003 which was \$5.79 per boe. The increase in total expenses are a result of the increased production in the comparative quarters while per boe amount remained relatively flat. For the six months ended June 30, 2004 operating costs totaled \$2,184,559 (\$6.04 per boe) compared to \$1,750,159 (\$6.08 per boe) for the same period of 2003

#### OPERATING NETBACK

The operating netback for the three months ended June 30 2004, of \$27.12 per boe compared to the same period in 2003 of \$20.45 is up 32 percent mainly as a result of increase commodity prices. For the six months ended June 30, 2004, the Company realized operating netbacks of \$26.15 per boe, a 15 percent increase over the \$22.81 per boe for the comparable 2003 period, mainly as a result of increased sales prices.

	Three months ended June 30			Six months ended June 30			
Operating Netback (\$/boe)	2004	2003 %	Change	2004	2003 %	6 Change	
Sales price	42.16	35.61	18	40.85	39.34	4	
Royalties	(9.06)	(9.37)	(3)	(8.66)	(10.45)	(17)	
Operating expense	(5.98)	(5.79)	3	(6.04)	(6.08)	(1)	
Operating Netback	27.12	20.45	33	26.15	22.81	15	

#### GENERAL AND ADMINISTRATIVE EXPENSES

Bear Creek has in place the professional staff to handle our aggressive capital program and expected production growth through the balance of 2004 and into 2005. Bear Creek has not capitalized any G&A in 2004 or 2003. For the three month period ended June 30, 2004, the Company had net G&A expenses of \$1,109,405 (including \$90,581 for stock based compensation expense), compared to \$533,049 for same prior year period. On a per unit basis the costs in the second quarter of 2004 were \$5.98 per boe compared to 2003 costs of \$3.83 per boe. For the six months ended June 30, 2004, the Company

recorded G&A expenses of \$1,926,181, (\$6.04 per boe) as compared to \$1,393,166 (\$4.84 per boe) for the same period in 2003. We expect G&A costs per boe to be reduced in subsequent periods in conjunction with anticipated production increases.

	Three months ended June 30			Six months ended June 30			
G & A Expense (\$)	2004	2003	% Change	2004	2003	% Change	
G&A expense (gross)	1,139,552	625,505	82	2,015,630	1,571,516	28	
Overhead recoveries	(30,147)	(92,456)	(67)	(89,449)	(178,350)	(50)	
G&A expense (net)	1,109,405	533,049	108	1,926,181	1,393,166	38	
G&A expense \$ / boe (net)	6.50	3.83	56	5.33	4.84	25	

#### INTEREST EXPENSE

In the three month period ended June 30, 2004, the Company recorded an interest expense of \$47,259, a decrease from \$154,663 in the second quarter of 2003. Interest for the first six months of 2004 was \$179,042 as compared to \$276,458 for the same 2003 period. The decrease in interest expense is a result of lower interest rates (4.0% vs. 5.50% in 2003) and a lower draw on our operating bank line.

#### DEPLETION, DEPRECIATION AND ACCRETION

Depletion and depreciation in the second quarter of 2004 was \$2.1 million as compared to the second quarter of 2003 which was \$1.7 million for a 21 percent increase. For the six months ended June 30, 2004 the total expense was \$4.5 million or a 31 percent increase as compared to the comparable six month period in 2003 of \$3.5 million. On a per boe basis, the second quarter 2004 was \$12.26 per boe as compared to the second quarter 2003 amount of \$12.52 per boe. For the first six months, the per boe rate was up 4 percent for 2004 at \$12.44 per boe as compared to the 2003 rate of \$11.99 per boe.

	Three months ended June 30			Six months ended June 30			
(\$)	2004	2003	% Change	2004	2003	% Change	
Depletion and depreciation	2,090,211	1,741,150	20	4,496,263	3,452,053	30	
Accretion	5,401	11,776	(54)	27,084	23,031	17	
Cost per boe							
Depletion and depreciation	12.26	12.52	(2)	12.44	11.99	4	
Accretion	0.03	0.08	(63)	0.07	0.08	(13)	

#### TAXES

For the three month period ended June 30, 2004, the Company recorded a current tax expense of \$19,955 and future tax expense of \$389,899 as compared to the \$10,385 current tax expense and (\$194,848) future tax recovery recorded in the second quarter of 2003. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company has not paid any current income taxes for 2004. For the six month period ended June 30, 2004, the Company recorded a current tax expense of \$51,534 and a \$758,000 future tax expense as compared to \$30,385 current tax expense and \$321,152 future tax expense for the six months ended June 30, 2003. As of June 30, 2004 the Company has fulfilled its flow-through share obligation relating to 2003 equity issues

#### CAPITAL EXPENDITURES

During the second quarter of 2004, the Company drilled 18 (9.9 net) wells resulting in 9 (4.7 net) gas wells, 4 (1.4) oil wells, 1 (0.4 net) service well, 4 (3.4 net) cased standing wells for a 100 percent success rate. Capital expenditures during the second quarter of 2004, increased to \$9.9 million from the \$2.9 million incurred in the comparable 2003 period. During the six month period ended June 30, 2004, the Company drilled 29 (14.8 net) wells with a 90 percent success ratio resulting in 12 (5.7 net) gas wells, 9 (4.6 net) oil wells, 1 service well, 4 (3.4 net) cased standing, and 3 (0.7 net) dry and abandoned wells During the same period the Company incurred capital expenditures of \$19.0 million compared to \$7.0 million for the six month period in 2003. For the three month and six month periods ended June 30 for 2004 and 2003 capital expenditures are as follows:

•	Three m	Three months ended June 30			Six months ended June 30		
Capital Expenditures (\$000s)	2004	2003 9	% Change	2004	2003 9	6 Change	
Land Acquisitions	1,480	599	147	2,927	747	292	
Geological & Geophysical	715	353	103	1,320	488	170	
Drilling & Completions	6,502	1,191	446	11,980	3,660	227	
Equipment & Facilities	1,094	242	352	2,764	1,599	73	
Other	20	3	567	27	(5)	(640)	
Asset Retirement Obligation	119	17	600	262	29	803	
Corporate Acquisition	_	464		(312)	464	(167)	
Total Capital Expenditures	9,930	2,869	246	18,968	6,982	172	

#### LIQUIDITY AND CAPITAL RESOURCES

The Company had a revolving demand loan facility for up to a maximum of \$24 million, with a Canadian financial institution at June 30, 2004. The Company recorded a working capital deficiency of \$3.6 million and an outstanding bank loan of \$7.9 million at June 30, 2004 (net debt of \$11.5 million) as compared to a working capital deficiency of \$1.3 million and outstanding bank loan of \$12.1 million (net debt \$13.4 million) at June 30, 2003.

During 2004 the Company closed a private placement equity offering of 2,532,500 shares at \$4.75 per share for gross proceeds of \$12,029,375.

On an ongoing basis the Company will typically utilize three sources of funding to finance its capital expenditure program; internally generated cash flow from operations, debt where deemed appropriate and new equity issues if available on favorable terms. When financing corporate acquisitions the Company may also assume certain future liabilities. In addition, the Company may adjust its capital expenditure program depending on the commodity price outlook.

#### SUMMARY OF QUARTERLY RESULTS

***************************************	2	002		20	003		2	004
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
PN&G Sales	2,984	4,229	6,374	4,951	4,047	5,401	7,576	7,190
Net Income*	(41)	198	484	587	401	(371)	1,051	964
Net Income - per share								
Basic		0.02	0.04	0.05	0.03	(0.02)	0.06	0.05
Diluted	_	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05

<sup>\*</sup> Restated 2002 & 2003 (see Asset retirement obligation section)



#### CHANGES IN ACCOUNTING POLICIES DURING THE CURRENT FISCAL YEAR

The Company has implemented the following new and amended standards in 2004 with the following impact on the 2003 financial statements where retroactive application was required:

#### Asset retirement obligation

The Canadian Institute of Chartered Accountants ("CICA") issued Section 3110 which requires the recognition of the fair value of the retirement obligation for related long term assets as a liability. Retirement costs equal to the retirement obligation are capitalized as part of the cost of the associated capital cost and amortized to expense through depletion over the life of the asset. In subsequent periods, the liability is adjusted for the passage of time and for any changes in the amount or timing of the underlying future cash flows. This standard was adopted January 1, 2004 and prior period comparative balances have been restated. As a result of implementation, the standard had the following effects on the Company's consolidated financial statements:

(\$000s)	January 1, 2004
Changes to consolidated balance sheet	
Increase to property, plant and equipment (net of accumulated depletion and depreciation)	1,698
Increase to asset retirement obligation	1,750
Decrease to future income tax liability	20
Impact to retained earnings	32

The implementation of new accounting policies in 2004 relating to asset retirement obligation have resulted in the restatement of previously reported annual and quarterly net income. The restatements were required under the transitional provisions of the respective accounting standards.

The following table illustrates the restatement impact of new accounting policies on quarterly net income for 2003.

	·····	20	003		
(\$000s)	Q1	Q2	Q3	Q4	Total
Net income before changes in accounting policy	513	614	451	(319)	1,259
Increase (decrease) in net income					
Depletion expense	(52)	(47)	(57)	(67)	(223)
Asset retirement accretion expense	(11)	(12)	(18)	(20)	(61)
Site restoration expense	34	32	25	40	131
Future income tax recovery/expense				(5)	(5)
Net income after changes in accounting policy	484	587	401	(371)	1,101

#### Full cost accounting

In September 2003 the CICA issue Accounting Guideline 16 "Oil and Gas Accounting – Full Cost". The Guideline modifies the ceiling test, which limits the aggregate capitalized costs that may be carried forward to future periods. Specific new guidance was provided on several issues, including the frequency of conducting impairment tests, the testing for recoverability and the method of determining fair value. The Guideline recommends the impairment test should be conducted at each balance sheet date. Recovery of costs is tested by comparing the carrying amount of the oil and natural gas assets to the undiscounted cash flows from those assets using proved reserves and expected future prices and costs. If the carrying amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying



amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

As a result of political unrest which is disrupting supply combined with minor demand growth, we believe that higher oil prices will remain for the foreseeable future, with a floor price remaining well above historical averages. These price expectations appear to be driving the much higher acquisition parameters lately and we expect to see increased M & A activity leading up to year end. We continue to evaluate merger and acquisition opportunities that we feel can complement our core business strategies, but realize it is a very competitive market.

We are well positioned currently with a good land base and large drilling inventory to take us through the next 12 - 18 months. Our drilling success will lead to an increase in production volumes by September - October, increasing our cash flow as we continue to expect to reach production levels of 3,500 boe/d by year end.

The Company remains focused on creating and realizing shareholder value and will continue to focus on our core West Central Alberta fairway in areas that our strong technical team has expertise in.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.

## Bear Creek Energy Ltd.

# Consolidated Balance Sheets

unaudited

As at	June 30, 2004	December 31, 2003
		(restated- note 2)
	\$	\$
ASSETS		
Current		
Accounts receivable	4,824,078	4,870,344
Prepaids and deposits	89,429	63,414
	4,913,507	4,933,758
Property and equipment [note 2]	73,952,162	59,479,572
	78,865,669	64,413,330
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current		
Accounts payable and accrued liabilities	8,522,942	9,349,265
Bank operating loan [note 4]	7,887,880	7,509,862
	16,410,822	16,859,127
Future income taxes [note 7]	5,231,793	4,788,347
Asset retirement obligation [notes 2 & 6]	2,443,536	2,153,954
	7,675,329	23,801,428
Commitments [notes 8 and 9]		
Shareholders' equity		
Share capital [note 5]	51,054,160	39,053,715
Contributed surplus	226,225	74,705
Retained earnings [note 2]	3,499,133	1,483,482
	54,779,518	40,611,902
	78,865,669	64,413,330

See accompanying notes

Bear Creek Energy Ltd.

# Consolidated Statements of Net Income and Retained Earnings

unaudited

	Three months ended June 30		Six m	onths
			ended	June 30
	2004	2003	2004	2003
	1)	restated - note 2)	(1	estated – note 2)
REVENUE	\$	\$	\$	\$
Petroleum and natural gas	7,190,448	4,950,949	14,766,462	11,324,920
Royalties, net of Alberta Royalty Tax Credit	(1,544,639)	(1,303,116)	(3,129,191)	(3,007,048)
Interest .		_	1,043	_
	5,645,809	3,647,833	11,638,314	8,317,872
EXPENSES				
Operating	1,019,207	804,521	2,184,559	1,750,159
General and administrative	1,109,405	533,049	1,926,181	1,393,166
Interest	47,259	154,663	179,042	276,458
Depletion, depreciation and accretion	2,095,612	1,752,926	4,523,347	3,475,084
	4,271,483	3,245,159	8,813,129	6,894,867
Income before income taxes	1,374,326	402,674	2,825,185	1,423,005
Income taxes [note 7]				
Current	19,955	10,385	51,534	30,385
Future	389,899	(194,848)	758,000	321,152
	409,854	(184,463)	809,534	351,537
Net income	964,472	587,137	2,015,651	1,071,468
Retained earnings, beginning of period	2,534,661	740,597	1,483,482	256,266
Change in accounting policy [note 2]	_	(39,110)		(39,110)
Retained earnings, end of period	3,499,133	1,288,624	3,499,133	1,288,624
Net income per share [note 5]				
Basic	\$ 0.05	\$ 0.05	\$ 0.11	\$ 0.09
Diluted	\$ 0.05	\$ 0.05	\$ 0.11	\$ 0.09

See accompanying notes

Bear Creek Energy Ltd.

# Consolidated Statements of Cash Flows

unaudited

	Three months		Six m	onths
	ended	June 30	ended )	une 30
	2004	2003	2004	2003
			(r	estated – note 2)
	\$	\$	\$	\$
OPERATING ACTIVITIES				
Net income	964,472	587,137	2,015,651	1,071,468
Add items not requiring cash:				
Depletion, depreciation and site accretion	2,095,612	1,752,926	4,523,347	3,475,084
Stock based compensation expense	90,581	_	151,520	-
Future income tax expense (recovery) (note 7)	389,899	(194,848)	758,000	321,152
	3,540,564	2,145,215	7,448,518	4,867,704
Funds provided by operations				
Change in non-cash working capital	(585,037)	(1,378,329)	(3,050,055)	(1,265,025)
Cash provided by operations	2,955,527	766,886	4,398,463	3,602,679
FINANCING ACTIVITIES				
Increase in bank operating loan	3,435,010	1,835,801	378,018	3,273,475
Issue of common shares for cash, net of costs	67,651	30,015	11,685,891	60,030
Cash provided by financing activities	3,502,661	1,865,816	12,063,909	3,333,505
INVESTING ACTIVITIES				
Expenditures on property and equipment	(9,811,188)	(2,852,002)	(19,018,372)	(6,952,984)
Change in non-cash working capital	3,353,000	219,300	2,556,000	16,800
Cash used in investing activities	(6,458,188)	(2,632,702)	(16,462,372)	(6,936,184)
Cash, beginning and end of period	_	_	_	
Supplemental disclosure				
Cash interest paid	47,259	154,663	179,042	276,458
Capital taxes paid	19,955	10,385	51,534	30,385

See accompanying notes

### Notes to Consolidated Financial Statements

#### 1. BASIS OF PRESENTATION

The unaudited interim consolidated financial statements of Bear Creek Energy Ltd. ("the Company"), have been prepared by management in accordance with accounting policies generally accepted in Canada. The interim unaudited consolidated financial statements have been prepared following the same accounting policies and methods of computation as the consolidated financial statements for the fiscal year ended December 31, 2003, except as described in Note 2 below. The disclosures included below are incremental to those included with the annual consolidated financial statements. The interim consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in the Company's annual report for the year ended December 31, 2003.

#### 2. CHANGES IN ACCOUNTING POLICIES

#### Full cost accounting guideline

In January 2004, the Company adopted Accounting Guideline 16 "Oil and Gas Accounting – Full cost", the new guideline issued by the Canadian Institute of Chartered Accountants ("CICA") replaces Accounting Guideline 5 "Full Cost Accounting in the Oil and Gas Industry". Under the new guideline, future net revenues from total proven reserves used in the ceiling test calculation are estimated using expected future product prices and costs, where under the prior guideline, constant prices and costs were utilized. Future general and administrative and financing charges are no longer deducted in arriving at the ceiling value. Where a ceiling test failure occurs, probable reserve values may now be included in determining the impairment amount.

The adoption of the new guideline resulted in no change to net income, fixed assets or other reported amounts in the December 31, 2003 consolidated financial statements.

#### Asset retirement obligation

Effective January 1, 2004, the Company adopted CICA Handbook Section 3110 "Asset Retirement Obligations". The new standard requires the Company to record the fair value of an asset retirement obligation as a liability in the period in which it incurs a legal obligation associated with the retirement of tangible long-lived assets that result from the acquisition, construction, development and/or normal use of assets. The associated asset retirement costs are capitalized as part of the carrying amount of the long-lived asset and depleted and depreciated using a unit of production method over gross proved reserves. Subsequent to the initial measurement of the asset retirement obligations, the obligations are adjusted at the end of each period to reflect the passage of time (accretion) and changes in the estimated future cash flows underlying the obligation.

Prior to the adoption of this new standard, the Company recognized a provision for site restoration and abandonment costs calculated on the unit of production method over the life of the petroleum and natural gas properties based on the total estimated proved reserves and the estimated future liability.

The effect of this change in accounting policy has been recorded retroactively with restatement of prior periods. The effect of the adoption is presented below as increases (decreases):

Balance sheet	As at December 31, 2003
Opening retained earnings January 1, 2003	(39,110)
Asset retirement costs, included in property and equipment	2,054,531
Accumulated amortization on asset retirement costs, included in	
property and equipment	(357,077)
Asset retirement obligations	(2,153,954)
Accumulated future site restoration liability	404,126
Future income tax liability	(20,358)
Retained earnings	(32,016)

	Three months ended	Six months ended
Income statement	June, 2003	June, 2003
Accretion expense	11,255	23,031
Depletion and depreciation on asset retirement costs	47,273	99,355
Provision for future site restoration	(31,979)	(66,205)
Net income impact	(27,070)	(56,181)
Basic and diluted net income per share	_	

There was no impact on the Company's cash flow as a result of adopting this new policy. See note 6 for additional information on the asset retirement obligation and the impact on the consolidated financial statements.

#### 3. BUSINESS COMBINATION

On July 25, 2003, by plan of arrangement ("Arrangement"), Millennium Energy Inc. ("Millennium") acquired all of the issued and outstanding shares of Crossfield Gas Corp. ("Crossfield"), a private oil and natural gas company. In addition, the 2,791,333 Crossfield options not exercised were converted into Millennium options. Immediately following the acquisition, Millennium consolidated its shares on a one for fifteen bases and changed its name to Bear Creek Energy Ltd.

In the first quarter of 2004 an adjustment to the allocation of the purchase price has been made to reduce the amount allocated to property and equipment by \$312,017 with a corresponding increase to working capital.

#### 4. BANK OPERATING LOAN

The Company has a \$24 million revolving production loan facility with a Canadian financial institution that bears interest at its prime rate plus 0.25%. A general assignment of assets and a continuing debenture in the amount of \$50 million has been pledged as collateral for loans under the facility. The Company has extended a \$420,000 letter of guarantee to a provider of gas transportation services.

The terms of the banking arrangement allow for the financial institution to apply all cash balances against the outstanding line of credit at any time and as such the Company nets any cash balances at a reporting period against the bank operating loan.

At June 30, 2004 the effective interest rate on the amount outstanding under the facility was 4.00 % (2003 – 5.50 %). Cash interest paid during the 3 and 6 month periods ended June 30, 2004 was \$47,259 and \$179,042 (2003 – \$154,663 and \$276,458).

#### 5. SHARE CAPITAL

#### Authorized

Unlimited number of voting common shares with no par value

#### **Issued**

	Number of Shares	\$
Balance, December 31, 2003	16,978,305	39,053,715
Issue of common shares for cash (a)	2,532,500	12,029,375
Exercise of stock options	126,866	371,858
Share issue costs, net of tax benefits of \$310,221		(472,771)
Balance, March 31, 2004	19,637,671	50,982,177
Exercise of stock options	37,335	93,904
Share issue costs, net of tax benefits of \$4,333		(21,921)
Balance, June 30, 2004	19,675,006	51,054,160

#### (a) In March 2004 the Company issued 2,532,500 common shares for gross proceeds of \$12,029,375

The Company has 333,333 warrants outstanding which are each convertible into a Bear Creek common share at a price of \$5.40 per warrant. These warrants are not convertible until July 25, 2004 and expire on July 24, 2006.

The following is a continuity of stock options outstanding for which shares have been reserved:

		Weighted Average
Stock Options	Options	Exercise Price (\$)
December 31, 2003	1,622,800	3.20
Granted	407,000	5.37
Exercised	(164,201)	2.84
Cancelled	(63,333)	3.38
June 30, 2004	1,802,266	3.72

The following summarizes information about stock options outstanding at June 30, 2004:

		Weighted Average Remaining	Weighted	Number	Weighted Average Exercise
	Number	Contractual	Average	Exercisable	Price
Grant Price	Outstanding	Life (years)	Exercise Price	(Vested)	(Vested)
\$2.25- \$3.00	942,766	2.9	\$2.97	567,566	\$2.97
\$3.75 - \$4.20	462,500	4.3	\$3.80	34,001	\$3.95
\$5.40 - \$5.42	397,000	4.9	\$5.40	73,335	\$5.40
	1,802,266	3.6	\$3.72	674,902	\$3.28

#### Per share amounts

The following table summarizes the common shares used in calculating net income per share.

	Three months	ended June 30	Six months ended June 30		
Weighted Average Common shares	2004	2003	2004	2003	
Basic	19,650,627	12,238,323	18,415,133	12,227,261	
Diluted	20,204,695	12,238,323	18,894,553	12,227,261	

Historical share numbers have been adjusted for periods ended June 30, 2003 and prior as a result of the business combination completed with Millennium Energy Inc. Crossfield shareholders received 6.3 Bear Creek shares for each original share which subsequently consolidated on a 15 to 1 basis on completion of the transaction.

#### 6. ASSET RETIREMENT OBLIGATION

The total future asset retirement obligation was estimated based on the Company's net ownership in all wells and facilities, estimated costs to reclaim and abandon the wells and the estimated timing of costs to be incurred in future periods. The Company has estimated the net present value of its asset retirement obligations to be \$2.4 million as at June 30, 2004 based on a total future liability of \$6.1 million which will be incurred between 2009 and 2044. A credit adjusted risk free rate of 7 percent and an inflation rate of 3 percent were used to calculate the fair value of the asset retirement obligation.

A reconciliation of the asset retirement obligation is provided below:

	Three m	Three months ended		ths ended	Year Ended	
	June 30	June 30	June 30	June 30	December 31	
	2004	2003	2004	2003	2003	
Balance, beginning of period	2,318,980	1,239,665	2,153,954	1,216,379	1,216,379	
Liabilities incurred in period	119,115	16,775	262,498	28,806	876,407	
Liabilities settled in period	-		-	-	-	
Accretion expense	5,401	11,776	27,084	23,031	61,168	
Balance, end of period	2,443,536	1,286,216	2,443,536	1,268,216	2,153,954	

#### 7. INCOME TAXES

Income taxes recorded in the statements of net income and retained earnings differ from the tax calculated by applying the combined Canadian federal and provincial corporate income tax rate to income before income taxes as follows:

	Three months ended		Six months ended		
	June 30	June 30	June 30	June 30	
	2004	2003	2004	2003	
	\$	\$	\$	\$	
Computed income tax expense at 38.87% (2003 – 40.75%)	528,061	286,096	1,098,149	731,827	
Add (deduct) income tax effect of:					
Non-deductible crown charges, net of ARTC	264,313	208,748	484,619	761,883	
Resource allowance	(320,479)	(288,774)	(640,438)	(700,820)	
Benefit of tax rate changes	(120,340)	(460,410)	(248,353)	(531,230)	
Other	38,344	59,492	64,023	59,492	
Future income tax expense (Recovery)	389,899	(194,848)	758,000	321,152	
Large corporation tax	19,955	10,385	51,534	30,385	
Income tax	409,854	(184,463)	809,534	351,537	

#### 8. FINANCIAL INSTRUMENTS

#### a) Fair value

As at June 30, 2004, the Company had the following hedges outstanding:

Crude oil swap referenced to WTI index	Quantity/Day	Price/Barrel
July 1, 2004 - December 31, 2004	200 barrels	US\$30.00 - \$35.00
		Costless collar

#### 9. COMMITMENTS

Bear Creek is committed to payments under operating leases for office space, and transportation obligations as follows.

	Office Space	Transportation	Total
2004	192,234	560,207	752,441
2005	192,234	368,221	560,455
2006	64,047	368,221	432,268
2007		368,221	368,221
2008		368,221_	368,221

#### 10. COMPARATIVE FIGURES

Certain comparative figures have been reclassified to conform to the presentation adopted for the current period.

#### 11. SUBSUQUENT EVENTS

In October 2003, the Company swapped its obligation and rights to the Colombia assets acquired as part of the Millennium acquisition for a 2% gross overriding royalty on the property with Adulis Resources Inc. At that time the Company retained a right to convert the overriding royalty to either a 10% working interest, or to 1 million shares of Adulis. Subsequent to the June 30, 2004 reporting period, the Company has converted the 2% gross overriding royalty on the Colombia property into 1 million shares of Adulis Resources Inc. At this time management has no specific plans to dispose of these shares.

### Corporate Information

DIRECTORS
Martin A. Lambert (1) (2) (4)
Chairman
Bear Creek Energy Ltd.
Partner, Bennett Jones LLP
Calgary, Alberta

Martin Hislop (1) (4) Chief Executive Officer APF Energy Ltd. Calgary, Alberta

John A. Howard (1) (3) President, Lunar Enterprises Corp. Calgary, Alberta

Garry Tanner (2) (3) Senior Vice President and Chief Operating Officer EnerPlus Resources Fund Calgary, Alberta

(1) Audit Committee

(2) Compensation Committee

(3) Reserves Committee

(4) Governance and Nominating Committee

**OFFICERS** 

Russell J. Tripp, LL.B, P.Land President and Chief Executive Officer

Neil G. Bokenfohr, B.Sc., P.Eng. Vice President, Engineering

Douglas C. Hibbs, B.Sc., P.Geol Vice President, Exploration

R. Alan Steele, CMA Vice President, Finance & CFO

Korby Zimmerman, B.Comm., PLM Vice President, Land

PROFESSIONAL STAFF C.E. (Cal) Jaycock, B.Sc., P.Geol. Senior Geologist

Elizabeth More, B.Sc., P.Geol. Senior Geologist

Kelly Novakowski, B.Comm., CMA Controller

Andrew Wiacek, M.Sc., P.Geoph. Manager, Geophysics

Kenneth E. Wing, B.Sc., P.Eng. Manager of Operations

Colin Witwer, B.Sc. Operations

CORPORATE OFFICE

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Telephone: (403) 517-3700 Facsimile: (403) 517-3711

Website: www.bearcreekenergy.com

STOCK EXCHANGE LISTING The Toronto Stock Exchange (TSX)

Symbol: BCK

BANKER ATB Financial 239 - 8th Avenue S.W. Calgary, Alberta T2P 1B9

SOLICITOR Bennett Jones LLP 4500 Bankers Hall East 855 - 2nd Street S.W. Calgary, Alberta T2P 4K7

AUDITOR Ernst & Young LLP 1000, 440 - 2nd Avenue S.W. Calgary, Alberta T2P 5E9

CONSULTING ENGINEERS Gilbert Laustsen Jung Associates Ltd. 4100, 400 - 3rd Avenue S.W. Calgary, Alberta T2P 4H2

#### ABBREVIATIONS

ARTC Alberta Royalty Tax Credit

bbl barrel

ooi barre

bbl/d barrels of oil per day mbbls thousand barrels

hoe h

barrels of oil equivalent\*

boe/d

barrels of oil equivalent per day\*

mboe

thousand barrels of oil equivalent\*

mcf

thousand cubic feet

mmcf mcf/d million cubic feet thousand cubic feet per day

NGL

natural gas liquid

W/TI

West Texas Intermediate

<sup>\*6</sup> mcf of gas = 1 barrel of oil

# Management's Discussion and Analysis

This management's discussion and analysis ("MD&A") should be read in conjunction with the unaudited consolidated financial statements and notes for the three and six months ended June 30, 2004 and 2003 and the audited consolidated 🤇 financial statements of the year ended December 31, 2003. This MD&A was written on August 5, 2004.

Basis of Presentation - The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements - The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net earnings and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

BOE Presentation - The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 Mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 45 percent to \$7.2 million for the three months ended June 30, 2004 as compared to \$5.0 million for the same period in 2003. This increase was a result of increased sales volumes and increased oil and NGL prices. Gas volumes increased by 26 percent to 5.2 mmcf per day from 4.1 mmcf per day in 2003. Oil volumes increased to 753 bbl per day from 643 bbl per day and NGL's were up to 258 bbl per day for a 30 % increase over the 199 bbl per day from the second quarter of 2003. For the six month period ended June 30, 2004 gas volumes were up 34 percent to 5.5 mmcf per day while oil volumes were up 23 percent and NGL's were up 5 percent compared to the six months ended June 30, 2003.

Average daily production volumes	Three months ended June 30			Six m	Six months ended June 30		
	2004	2003	% Change	2004	2003	% Change	
Natural gas (mcf/d)	5,180	4,117	26	5,458	4,063	34	
Oil (bbl/d)	753	643	17	826	674	23	
NGL's (bbl/d)	258	199	30	251	239	5	
Total (boe/d)	1,874	1,528	23	1,986	1,590	25	

Prices for natural gas increased to \$7.12 per mcf in the second quarter from \$6.88 in the same quarter of 2003. Oil prices were up to \$42.88 per bbl as compared to \$31.07 for the second quarter of 2003, while NGL's were up 20 percent to \$36.81 per bbl as compared to \$30.67 in 2003. These prices are net of hedge losses in the second quarter of 2004 of \$168,931 for oil, or \$2.46 per bbl as compared to \$101,953, or \$1.74 per bbl in 2003. These contracts are used as a method to provide

downside protection for our cash flow. See note #8 for current hedging summary. For the six months ended June 30, 2004 gas prices were down 6 percent to \$6.89 per mcf as compared to the first six months of 2003. Oil prices were up 16 percent to \$41.37 per bbl while NGL's prices decreased 3 percent to \$35.85 per bbl when compared to the first six months of 2003.

Oil prices are derived from the WTI average price and the U.S. \$ exchange rate. For the first six months of 2003, WTI oil averaged \$U.S. 31.54/bbl and the exchange rate was .689, while for the six months ended June 30, 2004, WTI oil averaged \$U.S. 36.80 /bbl, while the Canadian dollar strengthened to an average exchange rate of .747.

	Three months	Three months ended June 30		
Average prices per unit of production	2004	2003	2004	2003
Gas				
Gross \$/mcf (before hedge)	7.12	7.05	6.89	7.60
Hedge gain/(loss) \$/mcf	-	(0.17)	_	(0.29)
Net \$/mcf	7.12	6.88	6.89	7.31
Oil				
Gross \$/bbl (before hedge)	45.34	32.81	43.07	38.76
Hedge gain / (loss) \$/bbl	(2.46)	(1.74)	(1.70)	(3.10)
Net \$/bbl	42.88	31.07	41.37	35.66
NGL's				
Gross \$/bbl (before hedge)	36.81	30.67	35.85	36.91
Hedge gain / (loss) \$/bbl	-	-	-	_
Net \$/bbl	36.81	30.67	35.85	36.91

#### CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$3.5 million (\$0.18 per share) in the second quarter of 2004 as compared to \$2.1 million (\$0.18 per share) in the second quarter of 2003. The increased cash flow for the comparative quarters of 2003 is a result of higher oil prices and strong production increases. For the six months ended June 30, 2004 the Company generated cash flow from operations of \$7.4 million (\$0.40 per share) compared to \$4.9 million (\$0.40 per share) in the prior year as a result of increased production and pricing.

The Company recorded net income of \$1.0 million in the second quarter of 2004 compared to \$0.6 million in the second quarter of 2003. Net income for the six months ended June 30, 2004 rose 88% to \$2.0 million (\$0.11 per share) compared to \$1.1 million (\$0.09 per share) for the same prior year period.

	Three months ended June 30			Six months ended June 30		
		(restated)			(restated)	
	2004	2003	% Change	2004	2003	% Change
Cash flow from operations - per share						
Basic	0.18	0.18	-	0.40	0.40	-
Diluted	0.18	0.18	_	0.39	0.40	(3)
Net Income - per share						
Basic	0.05	0.05		0.11	0.09	22
Diluted	0.05	0.05	_	0.11	0.09	22

#### ROYALTIES

Royalties for the second quarter of 2004 were \$1.5 million as compared to \$1.3 million in the second quarter of 2003. For the six months ended June 30, 2004 net royalties of \$3.1 million represent 21 percent of revenues as compared to \$3.0 million (26 percent of revenues) in 2003. Royalties in 2004 decreased as a percentage of sales compared to 2003 as a result of royalty relief received on oil production in a new pool discovery and reduced rates on natural gas as a result of lower prices.

(\$)	Three	Three months ended June 30				Six months ended June 30			
	2004	2003	2003 % Change		2003	% Change			
Royalty Category									
Crown	901,803	937,444	(4)	1,681,489	2,438,311	(31)			
Freehold	540,588	220,689	145	1,166,445	470,388	134			
Override	102,527	144,940	(29)	310,019	285,769	8			
ARTC	(48,342)	(62)	-	(125,581)	(215,062)	(42)			
FH Tax	48,063	105	_	96,819	27,642	250			
Total Royalty	1,544,639	1,303,116	19	3,129,191	3,007,048	3			

#### OPERATING EXPENSES

Operating expenses for the second quarter of 2004 were \$1,019,207 as compared to \$804,521 for the second quarter of 2003. On a per unit basis the 2004 cost is \$5.98 per boe as compared to the second quarter of 2003 which was \$5.79 per boe. The increase in total expenses are a result of the increased production in the comparative quarters while per boe amount remained relatively flat. For the six months ended June 30, 2004 operating costs totaled \$2,184,559 (\$6.04 per boe) compared to \$1,750,159 (\$6.08 per boe) for the same period of 2003

#### OPERATING NETBACK

The operating netback for the three months ended June 30 2004, of \$27.12 per boe compared to the same period in 2003 of \$20.45 is up 32 percent mainly as a result of increase commodity prices. For the six months ended June 30, 2004, the Company realized operating netbacks of \$26.15 per boe, a 15 percent increase over the \$22.81 per boe for the comparable 2003 period, mainly as a result of increased sales prices.

	Three m	Six months ended June 30				
Operating Netback (\$/boe)	2004	2003 %	Change	2004	2003 %	Change
Sales price	42.16	35.61	18	40.85	39.34	4:
Royalties	(9.06)	(9.37)	(3)	(8.66)	(10.45)	(17)
Operating expense	(5.98)	(5.79)	3	(6.04)	(6.08)	(1)
Operating Netback	27.12	20.45	33	26.15	22.81	15

#### GENERAL AND ADMINISTRATIVE EXPENSES

Bear Creek has in place the professional staff to handle our aggressive capital program and expected production growth through the balance of 2004 and into 2005. Bear Creek has not capitalized any G&A in 2004 or 2003. For the three month period ended June 30, 2004, the Company had net G&A expenses of \$1,109,405 (including \$90,581 for stock based compensation expense), compared to \$533,049 for same prior year period. On a per unit basis the costs in the second quarter of 2004 were \$5.98 per boe compared to 2003 costs of \$3.83 per boe. For the six months ended June 30, 2004, the Company

recorded G&A expenses of \$1,926,181, (\$6.04 per boe) as compared to \$1,393,166 (\$4.84 per boe) for the same period in 2003. We expect G&A costs per boe to be reduced in subsequent periods in conjunction with anticipated production increases.

G & A Expense (\$)	Three r	Six months ended June 30				
	2004	2003	% Change	2004	2003	% Change
G&A expense (gross)	1,139,552	625,505	82	2,015,630	1,571,516	28
Overhead recoveries	(30,147)	(92,456)	(67)	(89,449)	(178,350)	(50)
G&A expense (net)	1,109,405	533,049	108	1,926,181	1,393,166	38
G&A expense \$ / boe (net)	6.50	3.83	56	5.33	4.84	25

#### INTEREST EXPENSE

In the three month period ended June 30, 2004, the Company recorded an interest expense of \$47,259, a decrease from \$154,663 in the second quarter of 2003. Interest for the first six months of 2004 was \$179,042 as compared to \$276,458 for the same 2003 period. The decrease in interest expense is a result of lower interest rates (4.0% vs. 5.50% in 2003) and a lower draw on our operating bank line.

#### DEPLETION, DEPRECIATION AND ACCRETION

Depletion and depreciation in the second quarter of 2004 was \$2.1 million as compared to the second quarter of 2003 which was \$1.7 million for a 21 percent increase. For the six months ended June 30, 2004 the total expense was \$4.5 million or a 31 percent increase as compared to the comparable six month period in 2003 of \$3.5 million. On a per boe basis, the second quarter 2004 was \$12.26 per boe as compared to the second quarter 2003 amount of \$12.52 per boe. For the first six months, the per boe rate was up 4 percent for 2004 at \$12.44 per boe as compared to the 2003 rate of \$11.99 per boe.

	Three	months end	ed June 30	Six months ended June 30			
(\$)	2004	2003 % Change		2004	2003	% Change	
Depletion and depreciation	2,090,211	1,741,150	20	4,496,263	3,452,053	30	
Accretion	5,401	11,776	(54)	27,084	23,031	17	
Cost per boe							
Depletion and depreciation	12.26	12.52	(2)	12.44	11.99	4	
Accretion	0.03	0.08	(63)	0.07	0.08	(13)	

#### TAXES

For the three month period ended June 30, 2004, the Company recorded a current tax expense of \$19,955 and future tax expense of \$389,899 as compared to the \$10,385 current tax expense and (\$194,848) future tax recovery recorded in the second quarter of 2003. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company has not paid any current income taxes for 2004. For the six month period ended June 30, 2004, the Company recorded a current tax expense of \$51,534 and a \$758,000 future tax expense as compared to \$30,385 current tax expense and \$321,152 future tax expense for the six months ended June 30, 2003. As of June 30, 2004 the Company has fulfilled its flow-through share obligation relating to 2003 equity issues

#### CAPITAL EXPENDITURES

During the second quarter of 2004, the Company drilled 18 (9.9 net) wells resulting in 9 (4.7 net) gas wells, 4 (1.4) oil wells, 1 (0.4 net) service well, 4 (3.4 net) cased standing wells for a 100 percent success rate. Capital expenditures during the second quarter of 2004, increased to \$9.9 million from the \$2.9 million incurred in the comparable 2003 period. During the six month period ended June 30, 2004, the Company drilled 29 (14.8 net) wells with a 90 percent success ratio resulting in 12 (5.7 net) gas wells, 9 (4.6 net) oil wells, 1 service well, 4 (3.4 net) cased standing, and 3 (0.7 net) dry and abandoned wells During the same period the Company incurred capital expenditures of \$19.0 million compared to \$7.0 million for the six month period in 2003. For the three month and six month periods ended June 30 for 2004 and 2003 capital expenditures are as follows:

	Three m	d June 30	Six months ended June 30			
Capital Expenditures (\$000s)	2004	2003	% Change	2004	2003	% Change
Land Acquisitions	1,480	599	147	2,927	747	292
Geological & Geophysical	715	353	103	1,320	488	170
Drilling & Completions	6,502	1,191	446	11,980	3,660	227
Equipment & Facilities	1,094	242	352	2,764	1,599	73
Other	20	3	567	27	(5)	(640)
Asset Retirement Obligation	119	17	600	262	29	803
Corporate Acquisition		464	_	(312)	464	(167)
Total Capital Expenditures	9,930	2,869	246	18,968	6,982	172

#### LIQUIDITY AND CAPITAL RESOURCES

The Company had a revolving demand loan facility for up to a maximum of \$24 million, with a Canadian financial institution at June 30, 2004. The Company recorded a working capital deficiency of \$3.6 million and an outstanding bank loan of \$7.9 million at June 30, 2004 (net debt of \$11.5 million) as compared to a working capital deficiency of \$1.3 million and outstanding bank loan of \$12.1 million (net debt \$13.4 million) at June 30, 2003.

During 2004 the Company closed a private placement equity offering of 2,532,500 shares at \$4.75 per share for gross proceeds of \$12,029,375.

On an ongoing basis the Company will typically utilize three sources of funding to finance its capital expenditure program; internally generated cash flow from operations, debt where deemed appropriate and new equity issues if available on favorable terms. When financing corporate acquisitions the Company may also assume certain future liabilities. In addition, the Company may adjust its capital expenditure program depending on the commodity price outlook.

#### SUMMARY OF QUARTERLY RESULTS

	2	002	2003		2004			
	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
PN&G Sales	2,984	4,229	6,374	4,951	4,047	5,401	7,576	7,190
Net Income*	(41)	198	484	587	401	(371)	1,051	964
Net Income - per share								
Basic	-	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05
Diluted	-	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05

<sup>\*</sup> Restated 2002 & 2003 (see Asset retirement obligation section)

#### CHANGES IN ACCOUNTING POLICIES DURING THE CURRENT FISCAL YEAR

The Company has implemented the following new and amended standards in 2004 with the following impact on the 2003 financial statements where retroactive application was required:

#### Asset retirement obligation

The Canadian Institute of Chartered Accountants ("CICA") issued Section 3110 which requires the recognition of the fair value of the retirement obligation for related long term assets as a liability. Retirement costs equal to the retirement obligation are capitalized as part of the cost of the associated capital cost and amortized to expense through depletion over the life of the asset. In subsequent periods, the liability is adjusted for the passage of time and for any changes in the amount or timing of the underlying future cash flows. This standard was adopted January 1, 2004 and prior period comparative balances have been restated. As a result of implementation, the standard had the following effects on the Company's consolidated financial statements:

(\$000s)	January 1, 2004
Changes to consolidated balance sheet	
Increase to property, plant and equipment (net of accumulated depletion and depreciation)	1,698
Increase to asset retirement obligation	1,750
Decrease to future income tax liability	20
Impact to retained earnings	32

The implementation of new accounting policies in 2004 relating to asset retirement obligation have resulted in the restatement of previously reported annual and quarterly net income. The restatements were required under the transitional provisions of the respective accounting standards.

The following table illustrates the restatement impact of new accounting policies on quarterly net income for 2003.

(\$000s)	Q1	Q2	Q3	Q4	Total
Net income before changes in accounting policy	513	614	451	(319)	1,259
Increase (decrease) in net income					
Depletion expense	(52)	(47)	(57)	(67)	(223)
Asset retirement accretion expense	(11)	(12)	(18)	(20)	(61)
Site restoration expense	34	32	25	40	131
Future income tax recovery/expense				(5)	(5)
Net income after changes in accounting policy	484	587	401	(371)	1,101

#### Full cost accounting

In September 2003 the CICA issue Accounting Guideline 16 "Oil and Gas Accounting – Full Cost". The Guideline modifies the ceiling test, which limits the aggregate capitalized costs that may be carried forward to future periods. Specific new guidance was provided on several issues, including the frequency of conducting impairment tests, the testing for recoverability and the method of determining fair value. The Guideline recommends the impairment test should be conducted at each balance sheet date. Recovery of costs is tested by comparing the carrying amount of the oil and natural gas assets to the undiscounted cash flows from those assets using proved reserves and expected future prices and costs. If the carrying amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying

amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

As a result of political unrest which is disrupting supply combined with minor demand growth, we believe that higher oil prices will remain for the foreseeable future, with a floor price remaining well above historical averages. These price expectations appear to be driving the much higher acquisition parameters lately and we expect to see increased M & A activity leading up to year end. We continue to evaluate merger and acquisition opportunities that we feel can complement our core business strategies, but realize it is a very competitive market.

We are well positioned currently with a good land base and large drilling inventory to take us through the next 12 - 18 months. Our drilling success will lead to an increase in production volumes by September - October, increasing our cash flow as we continue to expect to reach production levels of 3,500 boe/d by year end.

The Company remains focused on creating and realizing shareholder value and will continue to focus on our core West Central Alberta fairway in areas that our strong technical team has expertise in.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.

# BEAR CREEK ENERGY LTD. FORM 52-109FT2

#### CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

#### I, Russell J. Tripp, certify that:

- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending June 30, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: August 12, 2004

(Signed) Russell J. Tripp
President and Chief Executive Officer

#### BEAR CREEK ENERGY LTD. FORM 52-109FT2

# MECEINED 1821 CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

- I, R. Alan Steele, certify that:
- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending June 30, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: August 12, 2004

(Signed) R. Alan Steele Vice President, Finance and Chief Financial Officer



# Highlights

- Cash flow from operations increased to \$4.7 million, up 249% from \$1.3 million in Q3 2003 or 167% on a per share basis to \$0.24 from \$0.09
- A one-time gain from the sale of Adulis shares generated an additional \$1.9 million
   (\$0.10 per share) of proceeds in the quarter
- Net earnings increased by 590% from the prior year quarter to \$2.7 million or 600% on a per share basis to \$0.14 from \$0.02
- Operating netback rose 66% to \$28.66 per boe from \$17.26 per boe in Q3 2003
- Year to date expenses averaged \$6.25 per boe compared to \$6.64 per boe for the prior year nine-month period

- > Production averaged 2,116 boe/d in the quarter, up 61% from 1,314 boe/d in Q3 2003
- Active drilling program of 9.5 net wells was conducted in the quarter, up from 2.4 net wells in Q3 2003, with a net success rate of 96%
- > Banking facility was moved to a major Canadian bank and the company's line of credit was increased to \$30 million
- Capital budget for 2004 expanded to \$48 million mainly due to drilling and completion success rate that was higher than budget

# Financial & Operating Highlights

	Three months ended September 30			Nine months ended September 30		
	2004	2003	% Change	2004	2003	% Change
FINANCIAL (\$000s, except per share amounts	s)					
Gross oil and natural gas revenue	8,644	4,047	114	23,410	15,372	52
Cash flow from operations	4,753	1,363	249	12,201	6,231	96
Per share - basic (\$)	0.24	0.09	167	0.65	0.48	35
Per share - diluted (\$)	0.23	0.09	156	0.63	0.47	34
Proceeds from sale of shares	1,901	-	_	1,901	-	_
Per share – basic (\$)	0.10	_	_	0.10	_	-
Per share – diluted (\$)	<b>0</b> .09	_	_	0.10	_	_
Net Earnings	2,771	401	591	4,786	1,473	225
Per share - basic (\$)	0.14	0.02	600	0.25	0.11	127
Per share – diluted (\$)	0.14	0.02	600	0.25	0.11	127
Capital Expenditures	15,288	10,591	44	34,256	17,573	95
Bank debt and working capital deficiency	(19,847)	(8,522)	133	(19,847)	(8,522)	133
Shares outstanding (000s)						
At period end	19,724	16,163	22	19,724	16,163	22
Weighted average during period, basic	19,711	14,523	36	18,850	13,008	45
Weighted average during period, diluted	20,323	14,772	38	19,356	13,258	46
OPERATING						
Production						
Natural gas (mcf/d)	5,600	3,541	58	5,506	3,887	42
Oil (bbls/d)	983	558	76	878	635	38
NGL's (bbls/d)	200	166	20	234	215	9
Oil and equivalent (boe/d) (6:1)	2,116	1,314	61	2,030	1,497	36
Average wellhead prices						
Natural gas (\$/mcf)	\$6.57	\$6.12	7	\$6.78	\$6.95	(2)
Oil (\$/bbl)	\$48.58	\$30.59	59	\$44.08	\$34.16	29
NGL's (\$/bbl)	\$44.74	\$31.63	41	\$38.40	\$35.53	8
Operating Netback (\$/boe)	\$28.66	\$17.26	66	\$27.03	\$21.17	27
Wells Drilled						
Gross	23	9	156	52	13	300
Net	9.5	2.4	296	24.2	5.9	310
Net success rate	96%	100%	(4)	92%	92%	_
Undeveloped land (net acres)	61,000	36,000	69	61,000	36,000	69

# Report to Shareholders

On October 27, 2004 the Company and Ketch Resources Ltd. ("Ketch") jointly announced that their respective Boards of Directors had unanimously approved a proposal to combine the two entities and create Ketch Resources Trust ("Ketch Trust" or the "Trust"), a new oil and gas trust and two public exploration-focused junior producers, Kereco Energy Ltd. ("Kereco") and Bear Ridge Resources Ltd. ("Bear Ridge"), pursuant to a Plan of Arrangement (the "Arrangement"). Upon completion of the Arrangement, shareholders of Ketch will receive one trust unit of Ketch Trust and 0.4 of a share in each of Kereco and Bear Ridge for each Ketch share held, and Bear Creek shareholders will receive 0.5 of a trust unit of Ketch Trust and 0.2 of a share in each of Kereco and Bear Ridge for each Bear Creek share held (shares received by current shareholders are subsequent to a planned 2.5:1 consolidation in both Bear Ridge and Kereco).

Ketch Trust will own approximately 87 percent of the existing producing assets of Ketch and Bear Creek, including high quality assets in the Fontas, Peace River Arch and West Central areas of Alberta. Kereco and Bear Ridge will own certain of the growth assets and undeveloped lands of Ketch and Bear Creek, respectively. Bear Creek management will run the Trust and Bear Ridge and Ketch management will run Kereco.

An information circular detailing the Plan of Arrangement is anticipated to be mailed to security holders in early December. Shareholders' meetings to consider the reorganization will occur on or about January 10, 2005. The transaction is subject to the receipt of all necessary shareholder and regulatory approvals and consents.

For further details of the transaction refer to the Bear Creek press release of October 27, 2004.

#### **EXPLORATION AND OPERATIONS HIGHLIGHTS**

Bear Creek conducted a very active drilling and completion program during the quarter, despite continued wet weather, and realized a higher success rate than budgeted. We drilled 23 (9.5 net) wells in the quarter with a 96% success rate. A total of 10 (2.8 net) wells were cased as potential gas wells, 10 (4.6 net) wells were cased as potential oil wells, 2 (1.6 net) wells were standing and 1 (0.5 net) well was abandoned.

At Sakwatamau/Goodwin in West Central Alberta we drilled 4 (2.3 net) wells and successfully completed all 4 wells. One (0.5 net) well was completed as a dual zone Ellerslie/Glauconite gas well, one (0.3 net) was completed as an Ellerslie gas well, one (0.5 net) was completed as a Swan Hills oil well and one (1.0 net) was completed as a Viking oil well. We anticipate all 4 wells will be on stream in the fourth quarter.

At Westerose we participated in 6 (0.7 net) low-interest drilling operations, all of which were cased as potential Glauconite or Edmonton gas wells. We expect at least 3 of these wells will be tied in by year end. At Brazeau we drilled and successfully completed 1 (0.3 net) Ellerslie gas well and successfully reentered and completed 1 (1.0 net) Rock Creek gas well, both of which we plan to tie in prior to year end. In our Southeast Saskatchewan Mississippian light oil project we drilled and cased 8 (3.7 net) wells as potential oil wells. We expect all eight wells will be completed prior to year end. In the Peace River region we drilled and cased 1 (0.6 net) well at Mulligan as a potential Gething gas well and completion operations are scheduled for the fourth quarter.

#### FINANCIAL HIGHLIGHTS

Bear Creek posted record financial results in the third quarter. Cash flow from operations of \$4.7 million was up 249% from \$1.3 million in the prior year period and diluted cash flow per share rose 156% from \$0.09 to \$0.23. The company also realized significant one-time proceeds of \$1.9 million from the sale of the 1 million shares of Adulis Resources Ltd. that we

acquired in exchange for the international properties we had originally inherited from the reverse takeover of Millennium Energy Ltd. We realized net earnings of \$2.7 million (\$0.14 per share diluted) during the quarter compared to \$0.4 million (\$0.02 per share diluted) in the third quarter of 2003.

Production continued to grow on a quarter over quarter basis and averaged 2,116 boe/d in the third quarter, up 61% from the same period in the previous year. Bear Creek realized record operating netbacks of \$28.66 per boe, up 66% from \$17.26 per boe in the prior year period, largely as a result of significantly higher oil and NGL prices.

The Company moved its banking facilities to the Royal Bank of Canada during the quarter and our operating line of credit was increased to \$30 million. At the end of the third quarter our total bank debt and working capital deficiency was \$19.8 million.

Based on the continued success of our drilling program and the Company's growing production base, Bear Creek announced an increase to its 2004 capital budget to \$48 million.

#### CLOSING REMARKS

We are extremely pleased to present the transaction with Ketch Resources Ltd. for shareholder approval in early January, 2004. In our view the transaction maximizes the value of Bear Creek's current assets and future exploration opportunities and provides both liquidity and investment flexibility to all of our shareholders.

On behalf of all Bear Creek shareholders, I would like to take this opportunity to thank the Company's employees, management and directors for their hard work and the significant shareholder value created during Bear Creek's 3 years of operations. On behalf of Bear Creek management and board of directors I wish to thank all Bear Creek shareholders for their tremendous support.

Russell J. Tripp

President and Chief Executive Officer

# Management's Discussion and Analysis

This management's discussion and analysis ("MD&A") should be read in conjunction with the Company's unaudited consolidated financial statements and notes for the three and nine months ended September 30, 2004 and 2003 and the audited consolidated financial statements of the year ended December 31, 2003. This MD&A was written November 9, 2004.

Basis of Presentation - The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements – The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net earnings and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

**BOE** Presentation – The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 Mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 114 percent to \$8.6 million for the three months ended September 30, 2004 as compared to \$4.0 million for the same period in 2003. This increase was a result of increased sales volumes and higher product pricing realized. Total daily volumes in the third quarter averaged 2,116 boe/d which was a 61 percent increase over the 1,314 boe/d recorded in the same period of 2003. The comparative daily volumes in September 2003 were down due to the Keyspan Rimbey gas plant scheduled turnaround that was completed. Gas volumes increased by 58 percent to 5.6 mmcf per day from 3.5 mmcf per day in 2003. Oil volumes increased to 983 bbl per day from 558 bbl per day and NGL's were up to 200 bbl per day from 166 bbl per day from the third quarter of 2003. For the nine month period ended September 30, 2004 gas volumes were up 42 percent to 5.5 mmcf per day while oil volumes were up 38 percent and NGL's were up 9 percent compared to the nine months ended September 30, 2003.

	Three mon	September 30	Nine months ended September 30				
Average daily production volumes	2004	2003	% Change	2004	2003	% Change	
Natural gas (mcf/d)	5,600	3,541	58	5,506	3,887	42	
Oil (bbl/d)	983	558	76	878	635	38	
NGL'S (bbl/d)	200	166	20	234	215	9	
Total (boe/d)	2,116	1,314	61	2,030	1,497	36	

Prices for natural gas increased 7 percent to \$6.57 per mcf in the third quarter from \$6.12 in the same quarter of 2003. Oil prices were up 59 percent to \$48.58 per bbl as compared to \$30.59 for the third quarter of 2003, while NGL's were up 41 percent to \$44.74 per bbl as compared to \$31.63 in 2003. These prices are net of hedge losses in the third quarter of 2004 of \$0.21 million for oil, or \$2.35 per bbl as compared to \$0.14 million, or \$2.83 per bbl in 2003. These contracts are used as a method to provide downside protection for our cash flow. For the nine months ended September 30, 2004 gas prices were

down 2 percent to \$6.78 per mcf as compared to \$6.95 for the first nine months of 2003. Oil prices were up 29 percent to \$44.08 per bbl from \$34.16 while NGL's prices increased 8 percent to \$38.40 per bbl when compared to \$35.33 for the first nine months of 2003.

Oil prices are derived from the WTI average price and the U.S. \$ exchange rate. For the first nine months of 2003, WTI oil averaged \$U.S. 31.32 per bbl and the exchange rate was .701, while for the nine months ended September 30, 2004, WTI oil averaged \$U.S. 39.16 per bbl, while the Canadian dollar strengthened to an average exchange rate of .753.

	Three months en	ded September 30	Nine months ended September		
Average prices per unit of production	2004	2003	2004	2003	
Gas					
Gross \$/mcf (before hedge)	6.57	6.17	6.78	7.16	
Hedge gain / (loss) \$/mcf	-	(0.05)	-	(0.21)	
Net \$/mcf	6.57	6.12	6.78	6.95	
Oil					
Gross \$/bbl (before hedge)	50.93	33.42	46.02	37.17	
Hedge gain / (loss) \$/bbl	(2.35)	(2.83)	(1.94)	(3.01)	
Net \$/bbl	48.58	30.59	44.08	34.16	
NGL's					
Gross \$/bbl (before hedge)	44.74	31.63	38.40	35.53	
Hedge gain / (loss) \$/bbl	_	-	-	-	
Net \$/bbl	44.74	31.63	38.40	35.53	

#### CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$4.8 million (\$0.24 per share) in the third quarter of 2004 as compared to \$1.4 million (\$0.09 per share) in the third quarter of 2003. The increased cash flow for the comparative quarters of 2003 is a result of higher commodity prices, strong production increases and reduction of operating costs on a per boe basis. The proceeds from the sale of stock obtained through the conversion of a gross overriding royalty position in Colombia into shares of Adulis Resources provided a one time gain of \$1.9 million (\$0.10 per share) recorded in the third quarter of 2004. For the nine months ended September 30, 2004 the Company generated cash flow from operations of \$12.2 million (\$0.65 per share) compared to \$6.2 million (\$0.48 per share) in the prior year.

The Company recorded net income of \$2.8 million in the third quarter of 2004 compared to \$0.4 million in the third quarter of 2003. Net income for the nine months ended September 30, 2004 increased 225 percent to \$4.8 million (\$0.25 per share) compared to \$1.5 million (\$0.11 per share) for the same prior year period.

	Three months ended September 30			Six months ended September 30		
	2004	2003	% Change	2004	2003	% Change
Cash flow from operations - per share						
Basic	0.24	0.09	167	0.65	0.48	35
Diluted	0.23	0.09	156	0.63	0.47	34
Proceeds from sale of shares - per share						
Basic	0.10	-	-	0.10	-	_
Diluted	0.09	_	_	0.10	_	_
Net income - per share						
Basic	0.14	0.02	600	0.25	0.11	127
Diluted	0.14	0.02	600	0.25	0.11	127

#### ROYALTIES

Royalties for the third quarter of 2004 were \$1.8 million as compared to \$1.0 million in the third quarter of 2003. For the nine months ended September 30, 2004, net royalties of \$4.9 million represents 20.9 percent of revenues as compared to \$4.0 million and 26.0 percent of revenues in 2003. Royalties in 2004 decreased as a percentage of sales compared to 2003 due to royalty relief received on oil production in a new pool discovery and conversion of a gross overriding royalty to a working interest in the Garrington area.

	Three mon	Three months ended September 30				Nine months ended September 30		
(\$)	2004	2003	% Change	2004	2003	% Change		
Royalty Category								
Crown	982,763	550,231	79	2,664,251	2,988,542	(11)		
Freehold	543,185	310,179	75	1,709,631	780,567	119		
Override	238,304	160,537	48	548,323	446,306	23		
ARTC	(67,239)	(25,000)	169	(192,820)	(240,062)	(20)		
FH Tax	77,927	2,308	_	174,746	29,950	483		
Total Royalty	1,774,940	998,255	78	4,904,131	4,005,303	22		

	Three mont	September 30	Nine months ended September 30				
Average royalty rates (% of sales)	2004	2003	% Change	<b>2004</b> 2003		% Change	
Royalty Category							
Crown	11.4	13.6	(16)	11.4	19.4	(41)	
Freehold	6.3	7.7	(18)	7.3	5.1	43	
Override	2.8	4.0	(30)	2.3	2.9	(21)	
ARTC	(0.8)	(0.6)	33	(0.8)	(1.6)	(50)	
FH Tax	0.9	0.1	800	0.7	0.2	250	
Total Royalty	20.6	24.8	(17)	20.9	26.0	(20)	

## **OPERATING EXPENSES**

Operating expenses for the third quarter of 2004 were \$1.3 million as compared to \$1.0 million for the third quarter of 2003. On a per unit basis the 2004 cost is \$6.63 per boe as compared to the third quarter of 2003 which was \$7.96 per boe. The decreased third quarter expense is mainly due to cost efficiencies obtained in 2004 and comparatively high 2003 costs, as a result of the Rimbey gas plant turnaround and large pipeline inspection costs that were incurred. For the nine months ended September 30, 2004, operating costs totaled \$3.5 million (\$6.25 per boe) compared to \$2.7 million (\$6.64 per boe) for the same period of 2003

#### OPERATING NETBACK

The operating netback for the three months ended September 30 2004, of \$28.66 per boe compared to the same period in 2003 of \$17.26 is up 66 percent mainly as a result of increased commodity prices and a reduction in operating expenses on a produced boe basis. For the nine months ended September 30, 2004, the Company realized operating netbacks of \$27.03 per boe, a 28 percent increase over the \$21.17 per boe for the comparable 2003 period, mainly as a result of increased sales prices.

Operating Netback (\$/boe)	Three mont	Nine months ended September 30				
	2004	2003 9	% Change	2004	2003	% Change
Sales price	44.41	33.48	33	42.10	37.61	12
Royalties	(9.12)	(8.26)	10	(8.82)	(9.80)	(10)
Operating expense	(6.63)	(7.96)	(17)	(6.25)	(6.64)	(6)
Operating Netback	28.66	17.26	66	27.03	21.17	28

# GENERAL AND ADMINISTRATIVE EXPENSES

Bear Creek has not capitalized any G&A in 2004 or 2003. For the three month period ended September 30, 2004, the Company had net G&A expenses of \$0.9 million (including \$123,999 for stock based compensation expense), compared to \$0.6 million for same prior year period. On a per unit basis the costs in the third quarter of 2004 were \$3.79 per boe compared to 2003 costs of \$4.65 per boe. Increased levels of activity and expanding capital programs have increased our staff count and total administrative costs, while production increases have lowered the cost on a per unit of production basis. For the nine months ended September 30, 2004, the Company recorded G&A expenses of \$2.8 million (\$4.52 per boe) as compared to \$2.0 million (\$4.78 per boe) for the same period in 2003. The Company currently has 16 employees and is positioned to handle the increased capital programs planned for 2004.

G & A Expense (\$)	Three mon	Nine months ended September 30				
	2004	2003	% Change	2004	2003	% Change
G&A expense (gross)	907,028	632,398	43	2,822,658	2,203,914	28
Overhead recoveries	(45,216)	(70,816)	(36)	(134,664)	(249,166)	(46)
G&A expense (net)	861,812	561,582	53	2,787,994	1,954,748	43
G&A expense \$/boe (net)	3.79	4.65	(18)	4.52	4.78	(5)

# INTEREST EXPENSE

In the three month period ended September 30, 2004, the Company recorded interest expense of \$99,322, a decrease from \$125,244 in the third quarter of 2003. Interest for the first nine months of 2004 was \$278,364 as compared to \$401,702 for the same 2003 period. The decrease in interest expense is a result of lower average monthly bank debt balance in 2004 compared to the comparative quarter in 2003 and partially offset by a higher interest rate of 5.0% in 2004 vs. 4.0% in 2003.

# DEPLETION, DEPRECIATION AND ACCRETION

Depletion and deprecation in the third quarter of 2004 was \$2.5 million as compared to the third quarter of 2003 which was \$1.6 million for a 54 percent increase. For the nine months ended September 30, 2004, the total expense was \$7.0 million or a 38 percent increase as compared to the comparable nine month period in 2003 of \$5.1 million. On a per boe basis, the third quarter 2004 was \$12.72 per boe as compared to the third quarter 2003 amount of \$13.31 per boe. For the first nine months, the boe rate was up 1 percent for 2004 at \$12.54 per boe as compared to the 2003 rate of \$12.39 per boe.

	Three mor	eptember 30	Nine months ended September 30			
(\$)	2004	2003	% Change	2004	2003	% Change
Depletion and depreciation	2,474,781	1,608,743	54	6,971,044	5,060,796	38
Accretion	25,025	17,788	41	52,109	40,819	28
Cost per boe						
Depletion and depreciation	12.72	13.31	(4)	12.54	12.39	1
Accretion	0.13	0.15	(13)	0.09	0.10	(10)

#### TAXES

For the three month period ended September 30, 2004, the Company recorded a current tax recovery of \$10,137 and future tax expense of \$1,259,000 as compared to the \$36,000 current tax expense and \$664,547 future tax recovery recorded in the third quarter of 2003. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company has not paid any current income taxes for 2004. For the nine month period ended September 30, 2004, the Company recorded a current tax expense of \$41,397 and a \$2,017,000 future tax expense as compared to \$66,385 current tax expense and \$343,395 future tax recovery for the nine months ended September 30, 2003.

#### CAPITAL EXPENDITURES

During the third quarter of 2004, the Company drilled 23 (9.5 net) wells resulting in 10 (2.8 net) gas wells, 10 (4.6) oil wells 2 (1.6 net) cased standing wells and 1 (0.5 net) abandoned wells for a 96 percent success rate. Capital expenditures during the third quarter of 2004, increased to \$15.3 million from the \$10.6 million incurred in the comparable 2003 period. During the nine month period ended September 30, 2004, the Company drilled 52 (24.2 net) wells with a 92 percent success ratio resulting in 22 (8.6 net) gas wells, 19 (9.2 net) oil wells, 1 service well (0.4 net), 6 (5.0 net) cased standing, and 4 (1.2 net) dry and abandoned wells During the same period the Company incurred capital expenditures of \$34.3 million compared to \$17.6 million for the nine month period in 2003. Capital expenditures for the three month and nine month periods ended September 30 for 2004 and 2003 is as follows:

	Three mont	eptember 30	Nine months ended September 30			
Capital Expenditures (\$000s)	2004	2003	% Change	2004	2003	% Change
Land	1,428	266	437	4,354	1,013	330
Property Acquisitions	1,009	-	-	1,009	_	-
Geological & Geophysical	465	320	45	1,786	808	121
Drilling & Completions	10,354	2,115	390	22,333	5,775	287
Equipment & Facilities	1,883	989	90	4,647	2,588	80
Other	9	4	125	37	(1)	38
Asset Retirement Obligation	140	604	(77)	402	633	(36)
Corporate Acquisition	_	6,293	_	(312)	6,757	(105)
Total Capital Expenditures	15,288	10,591	44	34,256	17,573	95

# LIQUIDITY AND CAPITAL RESOURCES

The Company had a revolving demand loan facility for up to a maximum of \$30 million with a Canadian financial institution at September 30, 2004. The Company recorded a working capital deficiency of \$6.4 million and an outstanding bank loan of \$13.5 million at September 30, 2004 (net debt of \$19.9 million) as compared to a working capital deficiency of \$2.9 million and outstanding bank loan of \$5.6 million (net debt \$8.5 million) at September 30, 2003.

During 2004 the Company closed a private placement equity offering of 2,532,500 shares at \$4.75 per share for gross proceeds of \$12,029,375.

On an ongoing basis, the Company will typically utilize three sources of funding to finance its capital expenditure program; internally generated cash flow from operations, debt where deemed appropriate and new equity issues if available on favorable terms. When financing corporate acquisitions the Company may also assume certain future liabilities. In addition, the Company may adjust its capital expenditure program depending on the commodity price outlook, and further opportunities that are identified.

# SUMMARY OF QUARTERLY RESULTS

	2002	2003			2004			
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3_
PN&G Sales	4,229	6,374	4,951	4,047	5,401	7,576	7,190	8,644
Net Income*	198	484	587	401	(370)	1,051	964	2,771
Net Income - per share								
Basic	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05	0.14
Diluted	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05	0.14

<sup>\*</sup> Restated 2002 & 2003 (see Asset retirement obligation section)

# RESERVES

The corporate reserves dated October 1, 2004, were evaluated by the independent engineering firm of Gilbert Lausten Jung Associates Ltd. ("GLJ") in accordance with the definitions set out under National Instrument 51-101, Standards of Disclosure for Oil and Gas Activities ("NI 51 – 101"). Total proved reserves as at October 1, 2004, increased 32% to 6.14 million boe compared with 4.65 million boe as at January 1, 2004. Total proved plus probable reserves at October 1, 2004, increased 34% to 7.94 million boe compared with 5.94 million boe at January 1, 2004.

# Summary of Company Interest Oil and Gas Reserves - Forecasted Prices and Costs

October 1, 2004	Light and Medium Crude Oil (mbbls)	Gas Liquids (mbbls)	Natural Gas (mmcf)	Oct. 1, 2004 boe (mboe)	Jan. 1, 2004 boe (mboe)
Proved					
Developed producing	1,915	518	10,962	4,259	3,543
Developed non-producing	82	220	5,996	1,301	756
Undeveloped	333	46	1,210	580	347
Total proved	2,329	783	18,168	6,140	4,646
Probable	754	177	5,208	1,798	1,290
Total proved plus probable	3,083	960	23,375	7,938	5,936

Note: May not add due to rounding

#### Net Present Value of Reserves - Forecasted Prices and Costs

(\$000s)	Undiscounted	Discounted			
October 1, 2004		8%	10%	15%	20%
Proved				•	
Developed producing	96,929	74,255	70,559	63,118	57,444
Developed non-producing	29,922	22,451	21,209	18,703	16,791
Undeveloped	10,686	6,164	5,649	4,693	4,011
Total proved	137,538	102,870	97,416	86,513	78,246
Probable	38,597	22,693	20,518	16,519	13,809
Total proved plus probable	176,135	125,563	117,934	103,032	92,055

Note: May not add due to rounding

<sup>(1)</sup> Utilizing Gilbert Laustsen Jung Associates Ltd. October 1, 2004 price forecast

## Year-to-Date 2004 Finding, Development and Net Acquisition Costs (FD&A)

		Total FD&A costs
	Total FD&A costs	including future
2004 Year-to-Date	including future proved	proved plus probable
October 1, 2004	development costs	development costs
Capital expenditures (\$000s)	34,528	34,483
Total proved reserve additions (mboe)	2,050	n/a
Total proved cost (\$/boe)	16.84	n/a
Total proved plus probable reserve additions (mboe)	n/a	2,558
Total proved plus probable cost (\$/boe)	n/a	13.48

# CHANGES IN ACCOUNTING POLICIES DURING THE CURRENT FISCAL YEAR

The Company has implemented the following new and amended standards in 2004 with the following impact on the 2003 financial statements where retroactive application was required:

# Asset retirement obligation

The Canadian Institute of Chartered Accountants ("CICA") issued Section 3110, which requires the recognition of the fair value of the retirement obligation for related long term assets as a liability. Retirement costs equal to the retirement obligation are capitalized as part of the cost of the associated capital asset and amortized to expense through depletion over the life of the asset. In subsequent periods, the liability is adjusted for the passage of time and for any changes in the amount or timing of the underlying future cash flows. This standard was adopted on January 1, 2004 and prior period comparative balances have been restated. As a result of implementation, the standard had the following effects on the Company's consolidated financial statements:

(\$000s)	December 31, 2003
Changes to consolidated balance sheet	
Increase to property, plant and equipment (net of accumulated depletion and depreciation)	1,698
Increase to asset retirement obligation	1,750
Decrease to future income tax liability	20
Impact to retained earnings	32

The implementation of the new accounting policies in 2004 relating to asset retirement obligation resulted in the restatement of previously reported annual and quarterly net income. The restatements were required under the transitional provisions of the respective accounting standards.

The following table illustrates the restatement impact on quarterly net income for 2003.

`	2003				
(\$000s)	Q1	Q2	Q3	Q4	Total
Net income before changes in accounting policy	513	614	451	(319)	1,259
Increase (decrease) in net income					
Depletion expense	(52)	(47)	(57)	(67)	(223)
Asset retirement accretion expense	(11)	(12)	(18)	(20)	(61)
Site restoration expense	34	32	25	40	131
Future income tax recovery/expense				(5)	(5)
Net income after changes in accounting policy	484	587	401	(371)	1,101

#### Full cost accounting

In September 2003, the CICA issue Accounting Guideline 16 "Oil and Gas Accounting – Full Cost". The Guideline modifies the ceiling test, which limits the aggregate capitalized costs that may be carried forward to future periods. Specific new guidance was provided on several issues including; the frequency of conducting impairment tests, the testing for recoverability and the method of determining fair value. The Guideline recommends the impairment test should be conducted at each balance sheet date. Recovery of costs is tested by comparing the carrying amount of the oil and natural gas assets to the undiscounted cash flows from those assets using proved reserves and expected future prices and costs. If the carrying amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

The Company plans to expand its capital program after the successful third quarter drilling program While the costs of acquiring land and services remains high, we have continued to grow our inventory of drilling opportunities and will drill in excess of 60 wells in 2004.

We believe that strong commodity prices will continue for the next 12-18 months, where we will see oil prices above \$35 U.S./bbl and natural gas prices above \$6/GJ. The strong forward price market has higher acquisition parameters lately and we expect to see increased activity leading up to year end. We continue to pursue acquisition opportunities that we feel can complement our strong drilling program, but realize it is a very competitive market.

We are well positioned currently with a good land base and large drilling inventory to take us through the next 12 – 18 months. Our drilling success will lead to further increases in production volumes in the fourth quarter, increasing our cash flow and with exit volumes approaching 3,500 boe/d by year end allowing us to continue with our active drilling program.

The Company remains focused on creating and realizing shareholder value and will continue to focus on our core West Central Alberta fairway in areas that our strong technical team has expertise in.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.

Bear Creek Energy Ltd.

# Consolidated Balance Sheets

unaudited

As at	September 30, 2004	December 31, 2003
		(restated - note 2)
	\$	\$
ASSETS		
Current		
Accounts receivable	5,830,422	4,870,344
Prepaids and deposits	149,607	63,414
	5,980,029	4,933,758
Property and equipment	86,764,914	59,479,572
	92,744,943	64,413,330
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current	10.048.140	0.040.045
Accounts payable and accrued liabilities	12,365,162	9,349,265
Bank operating loan [note 4]	13,461,838	7,509,862
	25,827,000	16,859,127
Future income taxes [note 7]	6,490,793	4,788,347
Asset retirement obligation [notes 2 and 6]	2,607,947	2,153,954
	34,925,740	23,801,428
Commitments [notes 8 and 9]		
Shareholders' equity		
Share capital [note 5]	51,199,125	39,053,715
Contributed surplus	350,224	74,705
Retained earnings	6,269,854	1,483,482
	57,819,203	40,611,902
	92,744,943	64,413,330

See accompanying notes

Bear Creek Energy Ltd.

# Consolidated Statements of Net Income and Retained Earnings

unaudited

	Three months ended September 30			months ptember 30
	2004	2003	2004	2003
REVENUE	(re	estated – note 2)	(1	estated – note 2)
	\$	\$	\$	\$
Petroleum and natural gas	8,643,975	4,046,686	23,410,437	15,371,606
Royalties, net of Alberta Royalty Tax Credit	(1,774,940)	(998,255)	(4,904,131)	(4,005,303)
Interest	616	_	1,659	_
	6,869,651	3,048,431	18,507,965	11,366,303
EXPENSES				
Operating .	1,289,631	962,463	3,474,190	2,712,622
General and administrative	861,812	561,582	2,787,994	1,954,748
Interest	99,322	125,244	278,364	401,702
Depletion, depreciation and accretion	2,499,806	1,626,531	7,023,153	5,101,615
	4,750,571	3,275,820	13,563,701	10,170,687
Income (loss) before proceeds from sale of				
shares and income taxes	2,119,080	(227,389)	4,944,264	1,195,616
Proceeds from sale of shares [note 10]	1,900,504		1,900,504	_
Income (loss) before income taxes	4,019,584	(227,389)	6,844,768	1,195,616
Income taxes [note 7]				
Current	(10,137)	36,000	41,396	66,385
Future	1,259,000	(664,547)	2,017,000	(343,395)
	1,248,863	(628,547)	2,058,396	(277,010)
Martin	2 770 721	401 150	4 796 272	1 472 626
Net income	2,770,721	401,158	4,786,372	1,472,626
Retained earnings, beginning of period	3,499,133	1,327,734	1,483,482	256,266
Change in accounting policy [note 2]		(39,110)	-	(39,110)
Retained earnings, end of period	6,269,854	1,689,782	6,269,854	1,689,782
Net income per share [note 5]				
Basic	\$0.14	\$0.02	\$0.25	\$0.11
Diluted	\$0.14	\$0.02	\$0.25	\$0.11

See accompanying notes

Bear Creek Energy Ltd.

# Consolidated Statements of Cash Flows

unaudited

	Three months ended September 30			months otember 30
	2004	2003	2004	2003
		estated – note 2)	(	restated – note 2
	\$	\$	\$	\$
OPERATING ACTIVITIES				
Net income	2,770,721	401,158	4,786,372	1,472,626
Items not involving cash:				
Gain from sale of shares [note 10]	(1,900,504)	_	(1,900,504)	_
Depletion, depreciation and accretion	2,499,806	1,626,531	7,023,153	5,101,615
Stock based compensation expense	123,999	_	275,519	-
Future income tax expense (recovery) [note7]	1,259,000	(664,547)	2,017,000	(343,395)
Cash provided by operations	4,753,022	1,363,142	12,201,540	6,230,846
Change in non-cash working capital	878,698	2,055,798	(2,171,358)	790,773
Cash provided by operating activities	5,631,720	3,418,940	10,030,182	7,021,619
FINANCING ACTIVITIES				
Increase (decrease) in bank operating loan	5,573,957	(6,940,878)	5,951,976	(3,667,403
Issue of common shares for cash, net of costs	144,965	7,504,512	11,830,856	7,564,542
Cash provided by financing activities	5,718,922	563,634	17,782,832	3,897,139
INVESTING ACTIVITIES				
Proceeds from sale of shares [note 10]	1,900,504	_	1,900,504	_
Expenditures on property and equipment	(15,148,146)	(4,068,774)	(34,166,518)	(11,021,758
Change in non-cash working capital	1,897,000	86,200	4,453,000	103,000
Cash used in investing activities	(11,350,642)	(3,982,574)	(27,813,014)	(10,918,758
Cash, beginning and end of period	_	-	_	
Supplementary disclosure				
Cash interest paid	99,322	125,244	278,364	401,702
Capital taxes paid (recovered)	(10,137)	36,000	41,397	66,385

See accompanying notes

# Notes to Consolidated Financial Statements

#### 1. BASIS OF PRESENTATION

The unaudited interim consolidated financial statements of Bear Creek Energy Ltd. ("the Company"), have been prepared by management in accordance with accounting policies generally accepted in Canada. The interim unaudited consolidated financial statements have been prepared following the same accounting policies and methods of computation as the consolidated financial statements for the fiscal year ended December 31, 2003, except as described in Note 2 below. The disclosures included below are incremental to those included with the annual consolidated financial statements. The interim consolidated financial statements should be read in conjunction with the consolidated financial statements and the notes thereto included in the Company's annual report for the year ended December 31, 2003.

#### 2. CHANGES IN ACCOUNTING POLICIES

#### Full cost accounting guideline

In January 2004, the Company adopted Accounting Guideline 16 "Oil and Gas Accounting – Full cost"; the new guideline issued by the Canadian Institute of Chartered Accountants ("CICA") replaces Accounting Guideline 5 "Full Cost Accounting in the Oil and Gas Industry". Under the new guideline, future net revenues from total proven reserves used in the ceiling test calculation are estimated using expected future product prices and costs, where under the prior guideline, constant prices and costs were utilized. Future general and administrative and financing charges are no longer deducted in arriving at the ceiling value. Where a ceiling test failure occurs, probable reserve values may now be included in determining the impairment amount.

The adoption of the new guideline resulted in no change to net income, fixed assets or other reported amounts in the December 31, 2003 consolidated financial statements.

# Asset retirement obligation

Effective January 1, 2004, the Company adopted CICA Handbook Section 3110 "Asset Retirement Obligations". The new standard requires the Company to record the fair value of an asset retirement obligation as a liability in the period in which it incurs a legal obligation associated with the retirement of tangible long-lived assets that result from the acquisition, construction, development and/or normal use of assets. The associated asset retirement costs are capitalized as part of the carrying amount of the long-lived asset and depleted and depreciated using a unit of production method over gross proved reserves. Subsequent to the initial measurement of the asset retirement obligations, the obligations are adjusted at the end of each period to reflect the passage of time (accretion) and changes in the estimated future cash flows underlying the obligation.

Prior to the adoption of this new standard, the Company recognized a provision for site restoration and abandonment costs calculated on the unit of production method over the life of the petroleum and natural gas properties based on the total estimated proved reserves and the estimated future liability.

The effect of this change in accounting policy has been recorded retroactively with restatement of prior periods. The effect of the adoption is presented below as increases (decreases):

Balance sheet	As at December 31, 2003
Opening retained earnings January 1, 2003	(39,110)
Asset retirement costs, included in property and equipment	2,054,531
Accumulated amortization on asset retirement costs, included in property and equipment	(357,077)
Asset retirement obligations	(2,153,954)
Accumulated future site restoration liability	404,126
Future income tax liability	(20,358)
Retained earnings	(32,016)

	Three months ended	Nine months ended
Income statement	September 30, 2003	September 30, 2003
Accretion expense	17,788	40,819
Depletion and depreciation on asset retirement costs	57,346	156,701
Provision for future site restoration	(25,487)	(91,692)
Net income impact	(49,647)	(105,828)
Basic and diluted net income per share	_	_

There was no impact on the Company's cash flow as a result of adopting this new policy. See note 6 for additional information on the asset retirement obligation and the impact on the consolidated financial statements.

#### 3. BUSINESS COMBINATION

On July 25, 2003, by plan of arrangement ("Arrangement"), Millennium Energy Inc. ("Millennium") acquired all of the issued and outstanding shares of Crossfield Gas Corp. ("Crossfield"), a private oil and natural gas company. In addition, the 2,791,333 Crossfield options not exercised were converted into Millennium options. Immediately following the acquisition, Millennium consolidated its shares on a one for fifteen basis and changed its name to Bear Creek Energy Ltd.

In the first quarter of 2004 an adjustment to the allocation of the purchase price was made to reduce the amount allocated to property and equipment by \$312,017 with a corresponding increase to working capital.

#### 4. BANK OPERATING LOAN

The Company has a \$30 million revolving production loan facility with a Canadian financial institution that bears interest at its prime rate. As security, the financial institution has a general security agreement in place constituting a first ranking floating charge on all real property of the Company.

The terms of the banking arrangement allow for the financial institution to apply all cash balances against the outstanding line of credit at any time, and as such the Company nets any cash balances at a reporting period against the bank operating loan.

At September 30, 2004, the effective interest rate on the amount outstanding under the facility was 4.0% (2003 – 5.0%). Cash interest paid during the 3 and 6 month periods ended September 30, 2004 was \$99,322 and \$278,364 (2003 – \$125,244 and \$401,702).

# 5. SHARE CAPITAL

#### Authorized

Unlimited number of voting common shares with no par value

#### Issued

	Number of Shares	\$
Balance, December 31, 2003	16,978,305	39,053,715
Issue of common shares for cash (a)	2,532,500	12,029,375
Exercise of stock options	126,866	371,858
Share issue costs, net of tax benefits of \$310,221		(472,771)
Balance, March 31, 2004	19,637,671	50,982,177
Exercise of stock options	37,335	93,904
Share issue costs, net of tax benefits of \$4,333		(21,921)
Balance, June 30, 2004	19,675,006	51,054,160
Exercise of stock options	48,666	144,965
Balance, September 30, 2004	19,723,672	51,199,125

# (a) In March 2004 the Company issued 2,532,500 common shares for gross proceeds of \$12,029,375

At September 30, 2004 the Company had 333,334 warrants outstanding that are each convertible into a Bear Creek common share at a price of \$5.40 per warrant. These warrants were not convertible until July 25, 2004 and expire on July 24, 2006.

Subsequent to September 30, 2004 warrant holders have exercised at total of 38,889 warrants converting them into Bear Creek common shares at an exercise price of \$5.40 per warrant.

The following is a continuity of stock options outstanding for which shares have been reserved:

	•	Weighted Average	
Stock Options	Options	Exercise Price (\$)	
December 31, 2003	1,622,800	3.20	
Granted	407,000	5.37	
Exercised	(212,867)	2.87	
Cancelled	(66,333)	3.34	
September 30, 2004	1,750,600	3.74	

The following summarizes information about stock options outstanding at September 30, 2004:

		Weighted Average			Weighted Average
		Remaining	Weighted	Number	Exercise
	Number	Contractual	Average	Exercisable	Price
Grant Price	Outstanding	Life (years)	Exercise Price	(Vested)	(Vested)
\$2.25 - \$3.00	905,100	2.3	\$2.97	529,900	\$2.98
\$3.75 - \$4.20	448,500	4.0	\$3.80	35,001	\$4.00
\$5.40 - \$5.42	397,000	4.6	\$5.40	73,335	\$5.40
	1,750,600	3.4	\$3.74	638,236	\$3.31

# Per share amounts

The following table summarizes the common shares used in calculating net income per share.

	Three months ende	ed September 30	Nine months ended September 30		
Weighted Average Common shares	2004	2003	2004	2003	
Basic	19,711,074	14,522,675	18,850,267	13,008,141	
Diluted	20,323,015	14,771,902	19,355,625	13,257,368	

Historical share numbers have been adjusted for periods ended September 30, 2003, and prior, as a result of the business combination completed with Millennium Energy Inc. Crossfield shareholders received 6.3 Bear Creek shares for each original share which subsequently consolidated on a 15 to 1 basis on completion of the transaction.

# 6. ASSET RETIREMENT OBLIGATION

The total future asset retirement obligation was estimated based on the Company's net ownership in all wells and facilities' estimated costs to reclaim and abandon the wells and the estimated timing of costs to be incurred in future periods. The Company has estimated the net present value of its asset retirement obligations to be \$2.6 million, as at September 30, 2004, based on a total future liability of \$6.5 million which will be incurred between 2009 and 2044. A credit adjusted risk free rate of 7 percent and an inflation rate of 3 percent were used to calculate the fair value of the asset retirement obligation.

A reconciliation of the asset retirement obligation is provided below:

	Three months ended		Nine mor	Nine months ended		
	September 30	September 30	September 30	September 30	December 31	
	2004	2003	2004	2003	2003	
Balance, beginning of period	2,443,536	1,268,216	2,153,954	1,216,379	1,216,379	
Liabilities incurred in period	139,386	603,799	401,884	632,605	876,407	
Liabilities settled in period	-	-	-	_	-	
Accretion expense	25,025	17,788	52,109	40,819	61,168	
Balance, end of period	2,607,947	1,889,803	2,607,947	1,889,803	2,153,954	

# 7. INCOME TAXES

Income taxes recorded in the statements of net income and retained earnings differ from the tax calculated by applying the combined Canadian federal and provincial corporate income tax rate to income before income taxes as follows:

	Three months ended		Six months ended	
	Sept. 30	Sept. 30	Sept. 30	Sept. 30
	2004	2003	2004	2003
	\$	\$	\$	\$
Computed income tax expense at 38.87% (2003 - 40.75%)	1,562,413	(201,489)	2,660,562	530,338
Add (deduct) income tax effect of:				
Non-deductible crown charges, net of ARTC	317,830	471,151	802,449	1,233,034
Resource allowance	(423,971)	(446,206)	(1,064,409)	(1,147,026)
Benefit of tax rate changes	(250,389)	(434,043)	(498,742)	(965,273)
Other	53,117	(53,960)	117,140	5,532
Future income tax expense (Recovery)	1,259,000	(664,547)	2,017,000	(343,395)
Large corporation tax	(10,137)	36,000	41,396	66,385
Income tax	1,248,863	(628,547)	2,058,396	(277,010)

# 8. FINANCIAL INSTRUMENTS

# a) Fair value

As at September 30, 2004, the Company had the following hedges outstanding:

Crude oil swap referenced to WTI index	Quantity/Day	Price/Barrel
July 1, 2004 - December 31, 2004	200 barrels	US\$30.00 - \$35.00
		Costless collar

Based on dealer quotes, had the above contract been closed on September 30, 2004, a loss of \$324,552 would have been realized.

# 9. COMMITMENTS

Bear Creek is committed to payments under operating leases for office space, and transportation obligations as follows.

	Office Space	Transportation	Total
2004	192,234	560,207	752,441
2005	192,234	368,221	560,455
2006	64,047	368,221	432,268
2007		368,221	368,221
2008		368,221	368,221

#### 10. SALE OF SHARES

In October 2003, the Company swapped its obligation and rights to the Colombia assets acquired as part of the Millennium acquisition for a 2% gross overriding royalty on the property with Adulis Resources Inc. At that time, the Company retained a right to convert the overriding royalty to either a 10% working interest, or to 1 million shares of Adulis. In the third quarter of 2004, the Company converted the 2% gross overriding royalty on the Colombia property into 1 million shares of Adulis Resources Inc. and sold the shares for net proceeds of \$1.9 million after transaction and legal costs of \$90,000.

The Company had originally recognized an outstanding liability from the Millennium acquisition for a letter of credit relating to a commitment to drill in Colombia. Through the farmout agreement above the Company eliminated its obligation and therefore adjusted the purchase price allocation to eliminate the liability previously recognized with a corresponding reduction to the value allocated to property and equipment. As a result the Company had no value assigned to the Colombia property and recognizes the sale of the shares as a gain.

#### 11. COMPARATIVE FIGURES

Certain comparative figures have been reclassified to conform to the presentation adopted for the current period.

#### 12. SUBSEQUENT EVENTS

On October 27, 2004, the Company and Ketch Resources Ltd. ("Ketch") jointly announced that their respective Boards of Directors had unanimously approved a proposal to combine the two entities and create Ketch Resources Trust ("Ketch Trust"), a new oil and gas trust and two public exploration-focused junior producers, Kereco Energy Ltd. ("Kereco") and Bear Ridge Resources Ltd. ("Bear Ridge"), pursuant to a Plan of Arrangement (the "Arrangement"). Upon completion of the Arrangement, shareholders of Ketch will receive one trust unit of Ketch Trust and 0.4 of a share in each of Kereco and Bear Ridge for each Ketch share held, and Bear Creek shareholders will receive 0.5 of a trust unit of Ketch Trust and 0.2 of a share in each of Kereco and Bear Ridge for each Bear Creek share held (shares received by current shareholders are subsequent to a planned 2.5:1 consolidation in both Bear Ridge and Kereco). An information circular detailing the Arrangement is anticipated to be mailed to security holders in late November 2004. Security holders' meetings of both Bear Creek and Ketch to consider the reorganization will occur on or about January 10, 2005. The plan of Arrangement requires approval of 66 2/3 percent of votes cast by shareholders, optionholders and warrantholders of Bear Creek and Ketch voting at each of the securityholder meetings as a single class, the approval of the majority of the shareholders excluding management and the approval of the Court of Queen's Bench of Alberta and certain regulatory agencies will be required. Ketch has agreed to pay Bear Creek a non-completion fee of up to \$7 million and Bear Creek has agreed to pay Ketch a non-completion fee of \$5 million, in certain circumstances.

# Corporate Information

DIRECTORS
Martin A. Lambert (1) (2) (4)
Chairman
Bear Creek Energy Ltd.
Partner, Bennett Jones LLP
Calgary, Alberta

Martin Hislop (1) (4) Chief Executive Officer APF Energy Ltd. Calgary, Alberta

John A. Howard <sup>(1) (3)</sup> President, Lunar Enterprises Corp. Calgary, Alberta

Garry Tanner (2) (3) Senior Vice President and Chief Operating Officer EnerPlus Resources Fund Calgary, Alberta

Russell J. Tripp President and Chief Executive Officer Bear Creek Energy Ltd. Calgary, Alberta

- (1) Audit Committee
- (2) Compensation Committee
- (3) Reserves Committee
- (4) Governance and Nominating Committee

#### **OFFICERS**

Russell J. Tripp, LL.B, P.Land President and Chief Executive Officer

Neil G. Bokenfohr, B.Sc., P.Eng. Vice President, Engineering

Douglas C. Hibbs, B.Sc., P.Geol Vice President, Exploration

R. Alan Steele, CMA Vice President, Finance & CFO

Korby Zimmerman, B.Comm., PLM Vice President, Land

PROFESSIONAL STAFF C.E. (Cal) Jaycock, B.Sc., P.Geol. Senior Geologist

Elizabeth More, B.Sc., P.Geol. Senior Geologist

Kelly Novakowski, B.Comm., CMA Controller

Andrew Wiacek, M.Sc., P.Geoph. Manager, Geophysics

Kenneth E. Wing, B.Sc., P.Eng. Manager of Operations

Colin Witwer, B.Sc. Operations

# CORPORATE OFFICE

Bear Creek Energy Ltd. 1240, 407 - 2nd Street S.W. Calgary Alberta T2P 2Y3 Telephone: (403) 517-3700 Facsimile: (403) 517-3711

Website: www.bearcreekenergy.com

STOCK EXCHANGE LISTING The Toronto Stock Exchange (TSX) Symbol: BCK

BANKER RBC Royal Bank Oil and Gas Banking Centre 11th Floor, 335 - 8th Avenue SW Calgary, Alberta T2P 1C9

SOLICITOR Bennett Jones LLP 4500 Bankers Hall East 855 - 2nd Street S.W. Calgary, Alberta T2P 4K7

AUDITOR Ernst & Young LLP 1000, 440 - 2nd Avenue S.W. Calgary, Alberta T2P 5E9

CONSULTING ENGINEERS Gilbert Laustsen Jung Associates Ltd. 4100, 400 - 3rd Avenue S.W. Calgary, Alberta T2P 4H2

# ABBREVIATIONS

ARTC Alberta Royalty Tax Credit

bbl barrel

bbl/d barrels of oil per day

mbbls thousand barrels

boe barrels of oil equivalent\*

boe/d barrels of oil equivalent per day\*

mboe thousand barrels of oil equivalent\*

mcf thousand cubic feet

mmcf million cubic feet

mcf/d thousand cubic feet per day

NGL natural gas liquid

WTI West Texas Intermediate

<sup>\*6</sup> mcf of gas = 1 barrel of oil



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# Management's Discussion and Analysis

Contraction of the second This management's discussion and analysis ("MD&A") should be read in conjunction with the Company's unaudited consolidated. financial statements and notes for the three and nine months ended September 30, 2004 and 2003 and the audited consolidated  $\hat{d}$ financial statements of the year ended December 31, 2003. This MD&A was written November 9, 2004.

Basis of Presentation - The financial data presented below has been prepared in accordance with Canadian generally accepted accounting principles. The reporting and the measurement currency is the Canadian dollar.

Non-GAPP Measurements - The Management's Discussion and Analysis contains the term cash flow from operations, which should not be considered an alternative to, or more meaningful than cash flow from operating activities as determined in accordance with Canadian generally accepted accounting principles as an indicator of the Company's performance. Bear Creek's determination of cash flow from operations may not be particularly comparable to that reported by other companies, especially those in other industries. The reconciliation between net earnings and cash flow from operations can be found in the consolidated statements of cash flows in the audited consolidated financial statements. The Company also presents cash flow from operations per share whereby per share amounts are calculated using weighted average shares outstanding consistent with the calculation of earnings per share.

BOE Presentation - The term barrels of oil equivalents (BOE) may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 Mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. All BOE conversions in the report are derived by converting gas to oil in the ratio of six thousand cubic feet of gas to one barrel of oil.

#### PETROLEUM AND NATURAL GAS SALES

Petroleum and natural gas revenues increased 114 percent to \$8.6 million for the three months ended September 30, 2004 as compared to \$4.0 million for the same period in 2003. This increase was a result of increased sales volumes and higher product pricing realized. Total daily volumes in the third quarter averaged 2,116 boe/d which was a 61 percent increase over the 1,314 boe/d recorded in the same period of 2003. The comparative daily volumes in September 2003 were down due to the Keyspan Rimbey gas plant scheduled turnaround that was completed. Gas volumes increased by 58 percent to 5.6 mmcf per day from 3.5 mmcf per day in 2003. Oil volumes increased to 983 bbl per day from 558 bbl per day and NGL's were up to 200 bbl per day from 166 bbl per day from the third quarter of 2003. For the nine month period ended September 30, 2004 gas volumes were up 42 percent to 5.5 mmcf per day while oil volumes were up 38 percent and NGL's were up 9 percent compared to the nine months ended September 30, 2003.

	Three mon	Three months ended September 30			Nine months ended September 30		
Average daily production volumes	2004	2003	% Change	2004	2003	% Change	
Natural gas (mcf/d)	5,600	3,541	58	5,506	3,887	42	
Oil (bbl/d)	983	558	76	878	635	38	
NGL'S (bbl/d)	200	166	20	234	215	9	
Total (boe/d)	2,116	1,314	61	2,030	1,497	36	

Prices for natural gas increased 7 percent to \$6.57 per mcf in the third quarter from \$6.12 in the same quarter of 2003. Oil prices were up 59 percent to \$48.58 per bbl as compared to \$30.59 for the third quarter of 2003, while NGL's were up 41 percent to \$44.74 per bbl as compared to \$31.63 in 2003. These prices are net of hedge losses in the third quarter of 2004 of \$0.21 million for oil, or \$2.35 per bbl as compared to \$0.14 million, or \$2.83 per bbl in 2003. These contracts are used as a method to provide downside protection for our cash flow. For the nine months ended September 30, 2004 gas prices were down 2 percent to \$6.78 per mcf as compared to \$6.95 for the first nine months of 2003. Oil prices were up 29 percent to \$44.08 per bbl from \$34.16 while NGL's prices increased 8 percent to \$38.40 per bbl when compared to \$35.33 for the first nine months of 2003.

Oil prices are derived from the WTI average price and the U.S. \$ exchange rate. For the first nine months of 2003, WTI oil averaged \$U.S. 31.32 per bbl and the exchange rate was .701, while for the nine months ended September 30, 2004, WTI oil averaged \$U.S. 39.16 per bbl, while the Canadian dollar strengthened to an average exchange rate of .753.

	Three months en	ded September 30	Nine months ended September 30		
Average prices per unit of production	2004	2003	2004	2003	
Gas					
Gross \$/mcf (before hedge)	6.57	6.17	6.78	7.16	
Hedge gain / (loss) \$/mcf	-	(0.05)	-	(0.21)	
Net \$/mcf	6.57	6.12	6.78	6.95	
Oil					
Gross \$/bbl (before hedge)	50.93	33.42	46.02	37.17	
Hedge gain / (loss) \$/bbl	(2.35)	(2.83)	(1.94)	(3.01)	
Net \$/bbl	48.58	30.59	44.08	34.16	
NGL's					
Gross \$/bbl (before hedge)	44.74	31.63	38.40	35.53	
Hedge gain / (loss) \$/bbl	-	-	-	-	
Net \$/bbl	44.74	31.63	38.40	35.53	

# CASH FLOW AND NET INCOME

The Company generated cash flow from operations of \$4.8 million (\$0.24 per share) in the third quarter of 2004 as compared to \$1.4 million (\$0.09 per share) in the third quarter of 2003. The increased cash flow for the comparative quarters of 2003 is a result of higher commodity prices, strong production increases and reduction of operating costs on a per boe basis. The proceeds from the sale of stock obtained through the conversion of a gross overriding royalty position in Colombia into shares of Adulis Resources provided a one time gain of \$1.9 million (\$0.10 per share) recorded in the third quarter of 2004. For the nine months ended September 30, 2004 the Company generated cash flow from operations of \$12.2 million (\$0.65 per share) compared to \$6.2 million (\$0.48 per share) in the prior year.

The Company recorded net income of \$2.8 million in the third quarter of 2004 compared to \$0.4 million in the third quarter of 2003. Net income for the nine months ended September 30, 2004 increased 225 percent to \$4.8 million (\$0.25 per share) compared to \$1.5 million (\$0.11 per share) for the same prior year period.

	Three months ended September 30			Six months ended September 30		
	2004	2003	% Change	2004	2003	% Change
Cash flow from operations - per share						
Basic	0.24	0.09	167	0.65	0.48	35
Diluted	0.23	0.09	156	0.63	0.47	34
Proceeds from sale of shares - per share						
Basic	0.10	-	-	0.10	_	-
Diluted	0.09	·		0.10	_	
Net income - per share						
Basic	0.14	0.02	600	0.25	0.11	127
Diluted	0.14	0.02	600	0.25	0.11	127

#### ROYALTIES

Royalties for the third quarter of 2004 were \$1.8 million as compared to \$1.0 million in the third quarter of 2003. For the nine months ended September 30, 2004, net royalties of \$4.9 million represents 20.9 percent of revenues as compared to \$4.0 million and 26.0 percent of revenues in 2003. Royalties in 2004 decreased as a percentage of sales compared to 2003 due to royalty relief received on oil production in a new pool discovery and conversion of a gross overriding royalty to a working interest in the Garrington area.

	Three mon	Three months ended September 30			Nine months ended September 30		
(\$)	2004	2003	% Change	2004	2003	% Change	
Royalty Category							
Crown	982,763	550,231	79	2,664,251	2,988,542	(11)	
Freehold	543,185	310,179	75	1,709,631	780,567	119	
Override	238,304	160,537	48	548,323	446,306	23	
ARTC	(67,239)	(25,000)	169	(192,820)	(240,062)	(20)	
FH Tax	77,927	2,308	_	174,746	29,950	483	
Total Royalty	1,774,940	998,255	78	4,904,131	4,005,303	22	

·	Three months ended September 30			Nine months ended September 30		
Average royalty rates (% of sales)	2004	2003	% Change	2004	2003	% Change
Royalty Category						
Crown	11.4	13.6	(16)	11.4	19.4	(41)
Freehold	6.3	7.7	(18)	7.3	5.1	43
Override	2.8	4.0	(30)	2.3	2.9	(21)
ARTC	(0.8)	(0.6)	33	(0.8)	(1.6)	(50)
FH Tax	0.9	0.1	800	0.7	0.2	250
Total Royalty	20.6	24.8	(17)	20.9	26.0	(20)

# OPERATING EXPENSES

Operating expenses for the third quarter of 2004 were \$1.3 million as compared to \$1.0 million for the third quarter of 2003. On a per unit basis the 2004 cost is \$6.63 per boe as compared to the third quarter of 2003 which was \$7.96 per boe. The decreased third quarter expense is mainly due to cost efficiencies obtained in 2004 and comparatively high 2003 costs, as a result of the Rimbey gas plant turnaround and large pipeline inspection costs that were incurred. For the nine months ended September 30, 2004, operating costs totaled \$3.5 million (\$6.25 per boe) compared to \$2.7 million (\$6.64 per boe) for the same period of 2003

#### OPERATING NETBACK

The operating netback for the three months ended September 30 2004, of \$28.66 per boe compared to the same period in 2003 of \$17.26 is up 66 percent mainly as a result of increased commodity prices and a reduction in operating expenses on a produced boe basis. For the nine months ended September 30, 2004, the Company realized operating netbacks of \$27.03 per boe, a 28 percent increase over the \$21.17 per boe for the comparable 2003 period, mainly as a result of increased sales prices.

	Three months ended September 30			Nine months ended September 30		
Operating Netback (\$/boe)	2004	2003 %	6 Change	2004	2003	% Change
Sales price	44.41	33.48	33	42.10	37.61	12
Royalties	(9.12)	(8.26)	10	(8.82)	(9.80)	(10)
Operating expense	(6.63)	(7.96)	(17)	(6.25)	(6.64)	(6)
Operating Netback	28.66	17.26	66	27.03	21.17	28

#### GENERAL AND ADMINISTRATIVE EXPENSES

Bear Creek has not capitalized any G&A in 2004 or 2003. For the three month period ended September 30, 2004, the Company had net G&A expenses of \$0.9 million (including \$123,999 for stock based compensation expense), compared to \$0.6 million for same prior year period. On a per unit basis the costs in the third quarter of 2004 were \$3.79 per boe compared to 2003 costs of \$4.65 per boe. Increased levels of activity and expanding capital programs have increased our staff count and total administrative costs, while production increases have lowered the cost on a per unit of production basis. For the nine months ended September 30, 2004, the Company recorded G&A expenses of \$2.8 million (\$4.52 per boe) as compared to \$2.0 million (\$4.78 per boe) for the same period in 2003. The Company currently has 16 employees and is positioned to handle the increased capital programs planned for 2004.

G & A Expense (\$)	Three mont	Three months ended September 30			Nine months ended September 30		
	2004	2003	% Change	2004	2003	% Change	
G&A expense (gross)	907,028	632,398	43	2,822,658	2,203,914	28	
Overhead recoveries	(45,216)	(70,816)	(36)	(134,664)	(249,166)	(46)	
G&A expense (net)	861,812	561,582	53	2,787,994	1,954,748	43	
G&A expense \$/boe (net)	3.79	4.65	(18)	4.52	4.78	(5)	

#### INTEREST EXPENSE

In the three month period ended September 30, 2004, the Company recorded interest expense of \$99,322, a decrease from \$125,244 in the third quarter of 2003. Interest for the first nine months of 2004 was \$278,364 as compared to \$401,702 for the same 2003 period. The decrease in interest expense is a result of lower average monthly bank debt balance in 2004 compared to the comparative quarter in 2003 and partially offset by a higher interest rate of 5.0% in 2004 vs. 4.0% in 2003.

#### DEPLETION, DEPRECIATION AND ACCRETION

Depletion and deprecation in the third quarter of 2004 was \$2.5 million as compared to the third quarter of 2003 which was \$1.6 million for a 54 percent increase. For the nine months ended September 30, 2004, the total expense was \$7.0 million or a 38 percent increase as compared to the comparable nine month period in 2003 of \$5.1 million. On a per boe basis, the third quarter 2004 was \$12.72 per boe as compared to the third quarter 2003 amount of \$13.31 per boe. For the first nine months, the boe rate was up 1 percent for 2004 at \$12.54 per boe as compared to the 2003 rate of \$12.39 per boe.

	Three mor	Three months ended September 30			Nine months ended September 30		
(\$)	2004	2003	% Change	2004	2003	% Change	
Depletion and depreciation	2,474,781	1,608,743	54	6,971,044	5,060,796	38	
Accretion	25,025	17,788	41	52,109	40,819	28	
Cost per boe							
Depletion and depreciation	12.72	13.31	(4)	12.54	12.39	1	
Accretion	0.13	0.15	(13)	0.09	0.10	(10)	

#### TAXES

For the three month period ended September 30, 2004, the Company recorded a current tax recovery of \$10,137 and future tax expense of \$1,259,000 as compared to the \$36,000 current tax expense and \$664,547 future tax recovery recorded in the third quarter of 2003. The current tax expense is comprised only of large corporation tax that is a capital based tax, and the Company has not paid any current income taxes for 2004. For the nine month period ended September 30, 2004, the Company recorded a current tax expense of \$41,397 and a \$2,017,000 future tax expense as compared to \$66,385 current tax expense and \$343,395 future tax recovery for the nine months ended September 30, 2003.

#### CAPITAL EXPENDITURES

During the third quarter of 2004, the Company drilled 23 (9.5 net) wells resulting in 10 (2.8 net) gas wells, 10 (4.6) oil wells 2 (1.6 net) cased standing wells and 1 (0.5 net) abandoned wells for a 96 percent success rate. Capital expenditures during the third quarter of 2004, increased to \$15.3 million from the \$10.6 million incurred in the comparable 2003 period. During the nine month period ended September 30, 2004, the Company drilled 52 (24.2 net) wells with a 92 percent success ratio resulting in 22 (8.6 net) gas wells, 19 (9.2 net) oil wells, 1 service well (0.4 net), 6 (5.0 net) cased standing, and 4 (1.2 net) dry and abandoned wells During the same period the Company incurred capital expenditures of \$34.3 million compared to \$17.6 million for the nine month period in 2003. Capital expenditures for the three month and nine month periods ended September 30 for 2004 and 2003 is as follows:

	Three months ended September 30			Nine months ended September 30		
Capital Expenditures (\$000s)	2004	2003	% Change	2004	2003	% Change
Land	1,428	266	437	4,354	1,013	330
Property Acquisitions	1,009	-	-	1,009	-	-
Geological & Geophysical	465	320	45	1,786	808	121
Drilling & Completions	10,354	2,115	390	22,333	5,775	287
Equipment & Facilities	1,883	989	90	4,647	2,588	80
Other	9	4	125	37	(1)	38
Asset Retirement Obligation	140	604	(77)	402	633	(36)
Corporate Acquisition	-	6,293		(312)	6,757	(105)
Total Capital Expenditures	15,288	10,591	44	34,256	17,573	95

# LIQUIDITY AND CAPITAL RESOURCES

The Company had a revolving demand loan facility for up to a maximum of \$30 million with a Canadian financial institution at September 30, 2004. The Company recorded a working capital deficiency of \$6.4 million and an outstanding bank loan of \$13.5 million at September 30, 2004 (net debt of \$19.9 million) as compared to a working capital deficiency of \$2.9 million and outstanding bank loan of \$5.6 million (net debt \$8.5 million) at September 30, 2003.

During 2004 the Company closed a private placement equity offering of 2,532,500 shares at \$4.75 per share for gross proceeds of \$12,029,375.

On an ongoing basis, the Company will typically utilize three sources of funding to finance its capital expenditure program; internally generated cash flow from operations, debt where deemed appropriate and new equity issues if available on favorable terms. When financing corporate acquisitions the Company may also assume certain future liabilities. In addition, the Company may adjust its capital expenditure program depending on the commodity price outlook, and further opportunities that are identified.

# SUMMARY OF QUARTERLY RESULTS

	2002		2003				2004	
	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
PN&G Sales	4,229	6,374	4,951	4,047	5,401	7,576	7,190	8,644
Net Income*	198	484	587	401	(370)	1,051	964	2,771
Net Income - per share								
Basic	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05	0.14
Diluted	0.02	0.04	0.05	0.03	(0.02)	0.06	0.05	0.14

<sup>\*</sup> Restated 2002 & 2003 (see Asset retirement obligation section)

## RESERVES

The corporate reserves dated October 1, 2004, were evaluated by the independent engineering firm of Gilbert Lausten Jung Associates Ltd. ("GLJ") in accordance with the definitions set out under National Instrument 51-101, Standards of Disclosure for Oil and Gas Activities ("NI 51 – 101"). Total proved reserves as at October 1, 2004, increased 32% to 6.14 million boe compared with 4.65 million boe as at January 1, 2004. Total proved plus probable reserves at October 1, 2004, increased 34% to 7.94 million boe compared with 5.94 million boe at January 1, 2004.

## Summary of Company Interest Oil and Gas Reserves - Forecasted Prices and Costs

October 1, 2004	Light and Medium Crude Oil (mbbls)	Gas Liquids (mbbls)	Natural Gas (mmcf)	Oct. 1, 2004 boe (mboe)	Jan. 1, 2004 boe (mboe)
Proved					
Developed producing	1,915	518	10,962	4,259	3,543
Developed non-producing	82	220	5,996	1,301	756
Undeveloped	333	46	1,210	580	347
Total proved	2,329	783	18,168	6,140	4,646
Probable	754	177	5,208	1,798	1,290
Total proved plus probable	3,083	960	23,375	7,938	5,936

Note: May not add due to rounding

#### Net Present Value of Reserves - Forecasted Prices and Costs

(\$000s)	Undiscounted				
October 1, 2004		8%	10%	15%	20%
Proved				•	
Developed producing	96,929	74,255	70,559	63,118	57,444
Developed non-producing	29,922	22,451	21,209	18,703	16,791
Undeveloped	10,686	6,164	5,649	4,693	4,011
Total proved	137,538	102,870	97,416	86,513	78,246
Probable	38,597	22,693	20,518	16,519	13,809
Total proved plus probable	176,135	125,563	117,934	103,032	92,055

Note: May not add due to rounding

<sup>(1)</sup> Utilizing Gilbert Laustsen Jung Associates Ltd. October 1, 2004 price forecast

# Year-to-Date 2004 Finding, Development and Net Acquisition Costs (FD&A)

		Total FD&A costs
	Total FD&A costs	including future
2004 Year-to-Date	including future proved	proved plus probable
October 1, 2004	development costs	development costs
Capital expenditures (\$000s)	34,528	34,483
Total proved reserve additions (mboe)	2,050	n/a
Total proved cost (\$/boe)	16.84	n/a
Total proved plus probable reserve additions (mboe)	n/a	2,558
Total proved plus probable cost (\$/boe)	n/a	13.48

# CHANGES IN ACCOUNTING POLICIES DURING THE CURRENT FISCAL YEAR

The Company has implemented the following new and amended standards in 2004 with the following impact on the 2003 financial statements where retroactive application was required:

## Asset retirement obligation

The Canadian Institute of Chartered Accountants ("CICA") issued Section 3110, which requires the recognition of the fair value of the retirement obligation for related long term assets as a liability. Retirement costs equal to the retirement obligation are capitalized as part of the cost of the associated capital asset and amortized to expense through depletion over the life of the asset. In subsequent periods, the liability is adjusted for the passage of time and for any changes in the amount or timing of the underlying future cash flows. This standard was adopted on January 1, 2004 and prior period comparative balances have been restated. As a result of implementation, the standard had the following effects on the Company's consolidated financial statements:

(\$000s)	December 31, 2003
Changes to consolidated balance sheet	
Increase to property, plant and equipment (net of accumulated depletion and depreciation)	1,698
Increase to asset retirement obligation	1,750
Decrease to future income tax liability	20
Impact to retained earnings	32

The implementation of the new accounting policies in 2004 relating to asset retirement obligation resulted in the restatement of previously reported annual and quarterly net income. The restatements were required under the transitional provisions of the respective accounting standards.

The following table illustrates the restatement impact on quarterly net income for 2003.

(\$000s)					
	Q1	Q2	Q3	Q4	Total
Net income before changes in accounting policy	513	614	451	(319)	1,259
Increase (decrease) in net income					
Depletion expense	(52)	(47)	(57)	(67)	(223)
Asset retirement accretion expense	(11)	(12)	(18)	(20)	(61)
Site restoration expense	34	32	25	40	131
Future income tax recovery/expense				(5)	(5)
Net income after changes in accounting policy	484 .	587	401	(371)	1,101

#### Full cost accounting

In September 2003, the CICA issue Accounting Guideline 16 "Oil and Gas Accounting – Full Cost". The Guideline modifies the ceiling test, which limits the aggregate capitalized costs that may be carried forward to future periods. Specific new guidance was provided on several issues including; the frequency of conducting impairment tests, the testing for recoverability and the method of determining fair value. The Guideline recommends the impairment test should be conducted at each balance sheet date. Recovery of costs is tested by comparing the carrying amount of the oil and natural gas assets to the undiscounted cash flows from those assets using proved reserves and expected future prices and costs. If the carrying amount exceeds the recoverable amount, then impairment should be recognized on the amount by which the carrying amount of the assets exceeds the present value of expected cash flows using proved and probable reserves and expected future prices and costs. The effective date of the Guideline is for fiscal years beginning on or after January 1, 2004. After implementation it was determined that no impairment existed and the standard did not have an impact of the Company's consolidated financial statements.

#### OUTLOOK

The Company plans to expand its capital program after the successful third quarter drilling program While the costs of acquiring land and services remains high, we have continued to grow our inventory of drilling opportunities and will drill in excess of 60 wells in 2004.

We believe that strong commodity prices will continue for the next 12-18 months, where we will see oil prices above \$35 U.S./bbl and natural gas prices above \$6/GJ. The strong forward price market has higher acquisition parameters lately and we expect to see increased activity leading up to year end. We continue to pursue acquisition opportunities that we feel can complement our strong drilling program, but realize it is a very competitive market.

We are well positioned currently with a good land base and large drilling inventory to take us through the next 12 – 18 months. Our drilling success will lead to further increases in production volumes in the fourth quarter, increasing our cash flow and with exit volumes approaching 3,500 boe/d by year end allowing us to continue with our active drilling program.

The Company remains focused on creating and realizing shareholder value and will continue to focus on our core West Central Alberta fairway in areas that our strong technical team has expertise in.

Forward Looking Statements – Certain information regarding Bear Creek Ltd. set forth in this document, including management's assessment of Bear Creek Energy Ltd.'s future plans and operations, contains forward-looking statements that involve substantial known and unknown risks and uncertainties. These forward-looking statements are subject to numerous risks and uncertainties, certain of which are beyond Bear Creek Energy Ltd.'s control, including the impact of general economic conditions, industry conditions, volatility of commodity prices, current fluctuations, imprecision of reserve estimates, environmental risks, competition from other producers, the lack of availability of qualified personnel or management, stock market volatility and ability to access sufficient capital from internal and external sources. Bear Creek Energy Ltd.'s actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Bear Creek Energy Ltd. will derive there from.

# BEAR CREEK ENERGY LTD. FORM 52-109FT2

# CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

- I, Russell J. Tripp, certify that:
- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending September 30, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: November 9, 2004

(Signed) Russell J. Tripp

President and Chief Executive Officer

# BEAR CREEK ENERGY LTD. FORM 52-109FT2

## CERTIFICATION OF INTERIM FILINGS DURING TRANSITION PERIOD

- I, R. Alan Steele, certify that:
- 1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 Certification of Disclosure in Issuers' Annual and Interim Filings) of Bear Creek Energy Inc., for the interim period ending September 30, 2004;
- 2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings; and
- 3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of the issuer, as of the date and for the periods presented in the interim filings.

Date: November 9, 2004

(Signed) R. Alan Steele

Alcin Steel

Vice President, Finance and Chief Financial Officer

# MATERIAL CHANGE REPORT

Material Change Report under Section 146(1) of the Securities Act (Alberta), Section 75(2) of the Securities Act (Ontario), Section 81(2) of the Securities Act (Nova Scotia), Section 67(1) of the Securities Act (British Columbia), Section 84(1)(b) of the Securities Act (Saskatchewan), Section 76(2) of the Securities Act, 1990 (Newfoundland).

1. Reporting Issuer:

Millennium Energy Inc. ("Millennium")

Address:

2100, 144 - 4<sup>th</sup> Avenue S.W.

Calgary, Alberta

T2P 3N4

2. Date of Material Change:

May 13, 2003

3. Publication of the Material Change:

News Release issued:

May 15, 2003

Canada Newswire

4. Summary of Material Change:

Millennium and Crossfield Gas Corp. ("Crossfield") have entered into an arrangement agreement dated May 13, 2003 to combine the two companies under the name Bear Creek Energy Ltd.

Under the terms of the proposed transaction, Millennium will issue 6.3 Millennium common shares for each Crossfield common share and special warrant, based on an ascribed value of \$0.22 (pre-consolidated) per Millennium common share. Each option of Crossfield will be changed into an option to acquire 6.3 pre-consolidated Millennium common shares. Upon completion of the transaction, which will include a 1 for 15 share consolidation, but prior to a proposed financing (described below), the combined company will have approximately 13.9 million post-consolidated basic shares outstanding (15.2 million fully diluted).

5. Full Description of Material Change

Millennium and Crossfield have entered into an arrangement agreement dated May 13, 2003 to combine the two companies under the name Bear Creek Energy Ltd.

Under the terms of the proposed transaction, Millennium will issue 6.3 Millennium common shares for each Crossfield common share and special warrant, based on an ascribed value of \$0.22 (pre-consolidated) per Millennium common share. Each option of Crossfield will be changed into an option to acquire 6.3 pre-consolidated Millennium common shares. Upon completion of the transaction, which will include a 1 for 15 share consolidation, but prior to the financing described below, the combined company will

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have approximately 13.9 million post-consolidated basic shares outstanding (15.2 million fully diluted).

The current management team of Crossfield, led by Russell J. Tripp, President and CEO, R. Alan Steele, Vice President Finance and CFO, Neil G. Bokenfohr, Vice President Engineering, Korby D. Zimmerman, Vice President Land, and Douglas C. Hibbs, Vice President Exploration will assume their respective positions with the new merged company. Each of these individuals were former executives of TriGas Exploration Inc. and were instrumental in building TriGas from inception into a successful TSX listed oil and gas producer. TriGas commenced operations in early 1995 with \$450,000 issued at \$0.15 per share (and no production or assets) and was sold in October 2000 to Calpine Corporation for over \$150 million at \$3.20 per share.

The intent is to rename the combined company Bear Creek Energy Ltd. The Board of Directors of the combined company will be comprised of Martin A. Lambert, Geoffrey A. Cumming, Garry A. Tanner, and Russell J. Tripp, current directors of Crossfield, and Martin Hislop, a current director of Millennium.

Prior to the closing, Millennium proposes to complete a financing ("Financing") for aggregate gross proceeds of up to \$1,200,000, that may be by way of a private placement to Millennium employees, directors and insiders or other parties designated by Millennium. The Financing, if by way of private placement, will consist of the issue of units priced at \$0.24 (pre-consolidated), each of which will consist of one common share of Millennium, and one warrant, exercisable at \$0.36 (pre-consolidated) for three years, but not exercisable in the first year. The Financing will provide additional capital for the company's exploration and development program. Assuming the maximum amount under the Financing is subscribed for, the combined company will have approximately 14.2 million post-consolidated basic shares outstanding (15.9 million fully diluted), of which former Crossfield shareholders will own approximately 86% (85% fully diluted) and existing Millennium shareholders will own approximately 14% (15% fully diluted). A Tier 1 listing is being sought on the TSX Venture Exchange ("TSXV") for the combined company.

On a pro forma basis, the combined company will have a production base of approximately 1,700 boe/day, comprised of 40% natural gas and 60% light oil and natural gas liquids. Based upon independent engineering evaluations by Gilbert Laustsen Jung Associates Ltd. for both companies as at January 1, 2003, the combined company's total established reserves are estimated to be 4.8 million boe (6:1). The merged company will also have a 35,000 acre net undeveloped land position and the right to earn an interest in an additional 16,000 acres. The combined company will have a strong inventory of natural gas prospects in Central and West Central Alberta and light oil prospects in Southeast Saskatchewan.

Crossfield commenced operations in December, 2001 and has built a solid asset base concentrated in the Westerose area of Central Alberta through a balanced program of strategic acquisitions and full cycle exploration and development drilling. GLJ estimated Crossfield's established reserves at January 1, 2003 at approximately 4.1 million boe (6:1). Crossfield's current production is approximately 1,500 boe/d (6:1) and the

company has assembled 30,000 net acres of undeveloped land. Audited financial statements for the year ended December 31, 2002 indicate revenues of \$12,815,000 (2001 - \$42,000) and net income of \$548,000 (2001 audited – net loss \$291,000). Crossfield currently has 29.1 million shares and special warrants outstanding (31.9 million fully diluted) and net debt as at March 31, 2003 of approximately \$12.7 million. At December 31, 2002, Crossfield had a working capital deficiency of \$2,519,612.

Crossfield was formed under the Business Corporations Act, Alberta and is not a reporting issuer in any jurisdiction. El Paso Merchant Energy Holding Company of Houston, Texas owns 22% of the common shares of Crossfield.

Millennium has approximately 24.5 million shares outstanding (26.4 million fully diluted), net debt at March 31, 2003 of approximately \$0.44 million and an outstanding letter of credit in the amount of \$0.50 million. The majority of Millennium's reserves and production of 200 boe/d are located in the Westerose and Medicine River areas of Central Alberta in close proximity to Crossfield's properties. Millennium is the operator and a 40% working interest partner in a large joint venture in Southeast Saskatchewan. Millennium and its partners currently have 16,000 acres of undeveloped land under farmout in this region and have committed to drill a minimum of 5 wells targeting Mississippian light oil reserves prior to year-end.

None of the officers, directors or insiders of Millennium or any of their associates or affiliates own any securities of Crossfield. Millennium and Crossfield are arm's length parties. The proposed merger transaction has the unanimous support of the directors of Millennium and Crossfield. Shareholders of Crossfield (including management and directors) holding approximately 35% of the outstanding shares of Crossfield have agreed to vote in favor of the transaction. In addition, shareholders of Millennium (including management and directors) holding approximately 17% of the outstanding shares of Millennium have agreed to vote in favor of the transaction. The transaction will require the approval of 66 2/3% of both company's shareholders and will be subject to all requisite regulatory approvals and other customary conditions, including the approval of the TSXV. The transaction will not require sponsorship pursuant to TSXV Policy 2.2. Closing is expected to occur by approximately July 15, 2003.

Each company has agreed to pay a non-completion fee in certain circumstances (\$215,000 for Millennium and \$500,000 for Crossfield) and each company has agreed not to directly or indirectly, make, solicit, initiate, facilitate, encourage, or participate in any inquiries, proposals or offers from, or engage in any discussions or negotiations with, any person, subject to their respective board of directors requirements to perform their fiduciary duties.

FirstEnergy Capital Corp. acted as financial advisor to Crossfield and Griffiths McBurney & Partners acted as financial advisor to Millennium with respect to this transaction.

6. Reliance on Section 146(2) of the Securities Act, Alberta (or similar provisions of the other jurisdictions where this report is being filed):

Not Applicable

7. Omitted Information:

Not Applicable

8. Senior Officer:

Alan MacDonald

Vice-President Finance Millennium Energy Inc. 2100, 144 - 4th Avenue S.W.

Calgary, Alberta

T2P 3N4

9. The foregoing accurately discloses the material change referred to in this report.

DATED at Calgary, Alberta on the 20th day of May, 2003.

(Signed) "Alan MacDonald" Vice-President Finance

IT IS AN OFFENCE UNDER THE SECURITIES ACT AND THE ALBERTA SECURITIES COMMISSION RULES FOR A PERSON OR COMPANY TO MAKE A STATEMENT IN A DOCUMENT REQUIRED TO BE FILED OR FURNISHED UNDER THE ACT OR THE RULES THAT, AT THE TIME AND IN THE LIGHT OF THE CIRCUMSTANCES UNDER WHICH IT IS MADE, IS A MISREPRESENTATION.

Name & Position with Purchaser	# of Units Purchased	*Post- closing Direct & Indirect Holdings in the Issuer	*% of Post-Closing Outstanding Shares
Martin Hislop Director, President and Chief Executive Officer	833,333	3,090,651	8.8%
Steven Cloutier Director, Chief Operating Officer and Executive Vice President	531,250	1,632,920	3.3%
Bonnie Nicol Vice President	416,667	862,334	2.5%
Kenneth Pretty Vice President	229,167	458,334	1.3%
Alan MacDonald Vice President	468,750	937,500	2.7%
John Ewing Vice President	416,667	833,334	2.4%
Robert Burn Director	104,166	279,333	0.8%

<sup>\*</sup> Assuming exercise of Warrants issued pursuant to the Private Placement.

Due to the relationship of the subscribers to the private placement to Millennium, the issuance of the units to the insiders in accordance with the private placement may be classified as a "related party transaction" of Millennium as defined in Rule 61-501 of the Ontario Securities Commission. In certain cases, Rule 61-501 requires an issue to obtain a formal valuation of the subject matter of the transaction from an independent evaluator and to obtain the approval of the Corporation's minority shareholders. Millennium has determined that an exemption is available under Rule 61-501 from such requirements due to the fact that neither the fair market value of the units nor the consideration being paid therefor, insofar as it involves all interested parties, is greater than 25% of Millennium's market capitalization. Millennium will therefore be exempt from both the formal valuation and minority approval requirements of the Rule 61-501.

Given that the private placement was non-brokered, there was no agreement respecting the placement in place until closing and, as a result this Material Change Report is being filed concurrently with closing. Disclosure of a possible private placement was made in a press release issued May 15, 2003.

Gilbert Laustsen Jung Associates Ltd. ("GLJ"), independent petroleum consultants, prepared a report on the reserves attributable to Millenium's oil and natural gas properties and the present value of the estimated future cash flow associated with such reserves effective January 1, 2003. The net present value of future cash flow ("NPV") is after deduction of estimated future capital expenditures, royalty burdens, operating expenses and abandonment costs and prior to any provision for income taxes, debt service charges and general and administrative expenses.

Gross Reserve Volumes (escalating) at January 1, 2003

	Oil	Natural Gas	NGL's	Total
	(mbbl)	(mmcf)	(mbbl)	(mboe)
Proved Producing	196	1,238	55	457
Total Proved	287	1,238	55	548
Proved + Probable	443	1,779	78	818
Established	365	1,508	67	683

Reserve Category (escalating) in \$000 at January 1, 2003 Present Value Discounted at:

	0%	10%	12%	15%
Proved Producing	6,515	4,390	4,162	3,874
Total Proved	8,066	5,354	5,057	4,682
Proved + Probable	11,694	6,989	6,490	5,869
Established	9,880	6,172	5,774	5,275

GLJ forecast at January 1, 2003

Year			Edmonton	
	Exchange	WTI Oil	Light Oil	Alberta Gas
	\$US/\$CDN	\$US/bbl	\$CDN/bbl	\$CDN/mmbtu
2003	0.65	25.50	38.50	5.65
2004	0.66	22.00	32.50	5.00
2005	0.67	21.00	30.50	4.70
2006	0.67	21.00	30.50	4.85
2007	0.68	21.25	30.50	4.85

The net proceeds of the private placement will be used for Millennium's working capital requirements and its exploration and development program.

6. Reliance on Section 146(2) of the Securities Act, Alberta (or similar provisions of the other jurisdictions where this report is being filed):

Not Applicable

## 7. Omitted Information:

Not Applicable

8. Senior Officer:

Alan MacDonald

Vice-President Finance Millennium Energy Inc.

2100, 144 - 4th Avenue S.W.

Calgary, Alberta

T2P 3N4

## 9. Statement of Senior Officer:

The foregoing accurately discloses the material change referred to in this report.

DATED at Calgary, Alberta on the 24th day of July, 2003.

(Signed) "Alan MacDonald" Vice-President Finance

IT IS AN OFFENCE UNDER THE SECURITIES ACT AND THE ALBERTA SECURITIES COMMISSION RULES FOR A PERSON OR COMPANY TO MAKE A STATEMENT IN A DOCUMENT REQUIRED TO BE FILED OR FURNISHED UNDER THE ACT OR THE RULES THAT, AT THE TIME AND IN THE LIGHT OF THE CIRCUMSTANCES UNDER WHICH IT IS MADE, IS A MISREPRESENTATION.

BEAR CREEK ENERGY LTD.

MATERIAL CHANGE REPORT

Under Section 146(1) of the Securities Act (Alberta) (Form 27) and under comparable of other provincial securities legislation provisions of other provincial securities legislation

#### 1. Reporting Issuer:

The name of the reporting issuer is Bear Creek Energy Ltd. ("Bear Creek"), with its principal office at Suite 1240, 407 – 2<sup>nd</sup> Street S.W., Calgary, Alberta T2P 2Y3 and its registered office at Suite 4500, 855 – 2<sup>nd</sup> Street S.W., Calgary, Alberta T2P 4K7.

#### 2. **Date of Material Change:**

The material change occurred on July 24, 2003.

#### 3. News Release:

A press release reporting the material change was issued on July 24, 2003.

#### 4. **Summary of Material Change:**

Effective July 24, 2003, Millennium Energy Inc. ("Millennium") and Crossfield Gas Corp. ("Crossfield") completed the previously announced Arrangement proposed by the two companies. The combined company will continue under the name of Bear Creek Energy Ltd. and has been initially listed on the TSX Venture Exchange (the "TSXVN") under the trading symbol "BCK". Trading on the TSXVN commenced at the opening of markets on July 29, 2003. Graduation to the TSX is expected to occur on or about August 6, 2003.

Under the terms of the Arrangement, 6.3 Millennium common shares were issued for each Crossfield common share and Crossfield special warrant. Each option of Crossfield has been deemed to have been changed into an option to acquire 6.3 pre-consolidated Millennium Subsequent to the foregoing securities issuances, a 1 for 15 share consolidation was completed, resulting in an aggregate of 14,227,720 Bear Creek common shares being issued and outstanding, together with an aggregate of 333,333 common share purchase warrants of Bear Creek, and options to acquire an aggregate of 1,287,227 Bear Creek common shares.

#### 5. Full Description of Material Change:

Arrangement

Effective July 24, 2003, Millennium, Crossfield, 1036655 Alberta Ltd. and 1050412 Alberta Ltd. completed a statutory arrangement pursuant to Section 193 of the Business Corporations Act (Alberta) (the "ABCA"). The holders of Millennium Shares, options to purchase Millennium Shares (the "Millennium Options") and warrants exercisable into Millennium Shares ("Millennium Warrants") (collectively, the "Millennium Securityholders") of record as at June 23, 2003 approved the transaction and related matters at a Special Meeting held on July 24, 2003. The holders of Crossfield Shares, options to purchase Crossfield Shares ("Crossfield Options") and Crossfield Special Warrants (collectively, the "Crossfield Securityholders") of record as at June 23, 2003 approved the Arrangement at a Special Meeting of Crossfield Securityholders held on July 23, 2003. The Court of Queen's Bench of Alberta approved the Arrangement by way of a final order granted on July 24, 2003.

The combined company will continue under the name of Bear Creek Energy Ltd. and has been initially listed on the TSX Venture Exchange (the "TSXVN") under the trading symbol "BCK". Trading on the TSXVN commenced at the opening of markets on July 29, 2003. Graduation to the TSX is expected to occur on or about August 6, 2003.

Under the terms of the Arrangement, 6.3 Millennium Shares were issued for each Crossfield Share and Crossfield Special Warrant. Each Crossfield Option has been deemed to have been changed into an option to acquire 6.3 pre-consolidated Millennium Shares. Subsequent to the foregoing securities issuances, a 1 for 15 share consolidation was completed, resulting in an aggregate of 14,227,720 Bear Creek Shares being issued and outstanding, together with an aggregate of 333,333 Bear Creek Warrants, and an aggregate of 1,287,227 Bear Creek Options.

#### Directors

Following the completion of the transaction, the directors of Bear Creek are:

Russell J. Tripp Geoffrey A. Cumming Martin Hislop Martin A. Lambert Garry A. Tanner

## Officers

Following the completion of the transaction, the following are the officers of Bear Creek:

Russell J. Tripp – President, Chief Executive Officer and Secretary
R. Alan Steele – Vice President, Finance and Chief Financial Officer

Korby D. Zimmerman - Vice President, Land

Neil G. Bokenfohr – Vice President, Engineering Douglas C. Hibbs – Vice President, Exploration

## Description of Share Capital

Bear Creek is authorized to issue an unlimited number of Bear Creek Shares and an unlimited number of preferred shares, issuable in series. As at the close of business on July 24, 2003, there were 14,227,720 Bear Creek Shares issued and outstanding together with an aggregate of 333,333 Bear Creek Warrants, and an aggregate of 1,287,227 Bear Creek Options.

The Bear Creek Shares carry one vote per share and, subject to the prior rights of holders of the preferred shares of Bear Creek, the holders of Bear Creek Shares share ratably in any dividend or distribution made to such holders.

Detailed Information Relating to the Corporation

Detailed information relating to the Bear Creek is provided in the Joint Management Information Circular of Crossfield and Millennium dated June 23, 2003.

# 6. Reliance on Provisions Permitting the Filing of the Material Change Report on a Confidential Basis:

Not applicable.

## 7. Omitted Information:

Not applicable.

## 8. Senior Officer:

Russell J. Tripp, President, Chief Executive Officer and Secretary (403) 517-3700.

## 9. Statement of Senior Officer:

The foregoing accurately discloses the material change referred to herein.

DATED July 30<sup>th</sup>, 2003 at Calgary, Alberta.

## BEAR CREEK ENERGY LTD.

"R. Alan Steele"
R. Alan Steele
Vice President, Finance and
Chief Financial Officer

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## MATERIAL CHANGE REPORT

1. Reporting Issuer:

Bear Creek Energy Ltd. 1240, 407 – 2nd Street S.W. Calgary, Alberta T2P 2Y3

2. Date of Material Change:

August 13, 2003

3. News Release:

A press release with respect to the sale of common shares was issued on August 13, 2003.

4. Summary of Material Change:

On August 13, 2003, Bear Creek Energy Ltd. ("Bear Creek") announced it had successfully completed an underwritten financing for 1,500,000 common shares (which includes the exercise in full of an underwriters' option to increase the offering) at a price of \$4.00 per share for total gross proceeds of \$6.0 million with a syndicate of underwriters co-led by Griffiths McBurney & Partners and FirstEnergy Capital Corp. and including Tristone Capital Inc. Upon completion of the offering, Bear Creek has approximately 15.7 million shares issued and outstanding.

The net proceeds from the offering will be used to finance the ongoing petroleum and natural gas exploration and development activities of Bear Creek and for general corporate purposes.

5. Full Description of Material Change:

Reference is made to the press release dated August 13, 2003, a copy of which is attached hereto.

6. Reliance on Confidentiality Provisions of Applicable Securities Legislation:

Not applicable.

7. Omitted Information:

Not applicable.

8. Senior Officer:

<u>Name</u>

**Business Telephone Number** 

R. Alan Steele

(403) 517-3700



9. Statement of Senior Officer:

The foregoing accurately discloses the material change referred to in this report.

DATED at the City of Calgary, in the Province of Alberta this 14<sup>th</sup> day of August, 2003.

## BEAR CREEK ENERGY LTD.

Per:

(signed) R. Alan Steele

Vice President, Finance and Chief Financial Officer

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## Bear Creek Energy Ltd.

News Release – For Immediate Release

## Bear Creek Energy Ltd. Completes \$6.0 Million Bought Deal Equity Financing

August 13, 2003

Calgary, Alberta – Bear Creek Energy Ltd. ("Bear Creek") announces today that it has completed its previously announced bought deal private placement of 1,500,000 common shares (which includes the exercise in full of an underwriters' option to increase the offering) at a price of \$4.00 per share for total gross proceeds of \$6.0 million with a syndicate of underwriters co-led by Griffiths McBurney & Partners and FirstEnergy Capital Corp. and including Tristone Capital Inc. The net proceeds received from the sale of the Common Shares will be used to fund the continued exploration and development of Bear Creek's properties and for general corporate purposes.

Bear Creek is a junior Canadian exploration, development and production company with operations focused in central and west central Alberta as well as south east Saskatchewan. Bear Creek common shares are listed on the Toronto Stock Exchange under the symbol "BCK", and, upon completion of the equity financing, the company has approximately 15.7 million shares outstanding.

For further information, please contact:

Bear Creek Energy Ltd. 1200, 407 –2<sup>nd</sup> Street SW Calgary, Alberta T2P 2Y3

Russell J. Tripp President and Chief Executive Officer Telephone: (403) 517-3700 Fax: (403) 517-3711

R. Alan Steele Vice President Finance & CFO Telephone: (403) 517-3700 Fax: (403) 517-3711

The Toronto Stock Exchange has neither approved nor disapproved of the contents of this press release.

## 9. Statement of Senior Officer:

The foregoing accurately discloses the material change referred to in this report.

DATED at the City of Calgary, in the Province of Alberta this 30th day of March, 2004.

## BEAR CREEK ENERGY LTD.

Per: (Signed) "Alan Steele"

R. Alan Steele Vice President, Finance and Chief Financial Officer

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News release via Canada NewsWire, Calgary 403-269-7605

Attention Business Editors:
Bear Creek Energy Closes \$12 Million Common Share Offering

/NOT FOR DISTRIBUTION TO UNITED STATES NEWSWIRE SERVICES OR FOR THE DISSEMINATION IN THE UNITED STATES/

CALGARY, March 25 /CNW/ - Bear Creek Energy Ltd. ("Bear Creek") is pleased to announce that it has closed its previously announced bought deal private placement of 2,532,500 common shares at \$4.75 per share for total gross proceeds of \$12,029,375 with an underwriting syndicate led by GMP Securities Ltd. and including Tristone Capital Inc., FirstEnergy Capital Corp., First Associates Investments Inc., Sprott Securities Inc., and Canaccord Capital Corp. The net proceeds received from the sale of the Common Shares will be used to fund the continued exploration and development of Bear Creek's properties.

Bear Creek is a junior Canadian exploration, development and production company with operations focused in central and west central Alberta as well as south east Saskatchewan. Bear Creek common shares are listed on the TSX Exchange as "BCK", and the Company will have approximately 19.6 million shares outstanding with the closing of this issue.

This news release shall not constitute an offer to sell or the solicitation of an offer to buy the securities in any jurisdiction. Such securities have not been registered under the United States Securities Act of 1933 and may not be offered or sold in the United States absent registration or an applicable exemption from the registration requirements.

Statements in this press release may contain forward-looking statements including expectations with respect to future events and the actions of third parties. These statements are based on current expectations that involve a number of risks and uncertainties, which could cause actual results to differ materially from those anticipated. These risks include, but are not limited to: the underlying risks of the oil and gas industry (i.e. operational risks in development, exploration and production; potential delays or changes in plans with respect to exploration or development projects or capital expenditures; the uncertainty of reserves estimates; the uncertainty of estimates and projections relating to production, costs and expenses, and health, safety and environmental factors), commodity price and exchange rate fluctuation and uncertainties.

%SEDAR: 00004500E

/For further information: Bear Creek Energy Ltd., Russell J. Tripp, President and Chief Executive Officer or R. Alan Steele, Vice President Finance & CFO, Telephone: (403) 517-3700, Fax: (403) 517-3711/
(BCK.)

CO: Bear Creek Energy Ltd.

CNW 12:56e 25-MAR-04

## FORM 51-102F3 MATERIAL CHANGE REPORT



## 1. Name and Address of Company:

Bear Creek Energy Ltd. ("Bear Creek") Suite 1240, 407 - 2nd Street S.W. Calgary, AB T2P 2Y3

## 2. Date of Material Change:

October 26, 2004

#### 3. News Release:

A press release disclosing in detail the material summarized in this material change report was disseminated through the facilities of Canada Newswire on October 27, 2004 and would have been received by the securities commissions where Ketch is a "reporting issuer" and the stock exchanges on which the securities of Ketch are listed and posted for trading in the normal course of their dissemination.

## 4. Summary of Material Change:

Ketch Resources Ltd. ("Ketch") and Bear Creek entered into an arrangement agreement dated October 26, 2004 (the "Arrangement Agreement"), a copy of which is attached hereto as Schedule "A", which was unanimously approved by their respective boards of directors. Pursuant to the Arrangement Agreement and the plan of arrangement (the "Arrangement") set out therein, the two companies will combine to create a new oil and gas trust (Ketch Resources Trust (the "Trust")) and two public exploration-focused producers (Kereco Energy Ltd. ("Kereco") and Bear Ridge Resources Ltd. ("Bear Ridge")). As a result of the proposed combination, shareholders of Ketch will receive one trust unit of the Trust and 0.4 of a share in each of Kereco and Bear Ridge and Bear Creek shareholders will receive 0.5 of a trust unit of the Trust and 0.2 of a share in each of Kereco and Bear Ridge.

## 5. Full Description of Material Change:

## The Arrangement and the Arrangement Agreement

Ketch and Bear Creek have entered into the Arrangement Agreement, a copy of which is attached hereto as Schedule "A". Pursuant to the Arrangement, the companies will combine and create the Trust, a new oil and gas trust, and Bear Ridge and Kereco, two public exploration-focused producers. As a result of the proposed combination, shareholders of Ketch will receive one trust unit of the Trust and 0.4 of a share in each of Kereco and Bear Ridge, and Bear Creek shareholders will receive 0.5 of a trust unit of the Trust and 0.2 of a share in each of Kereco and Bear Ridge.

A joint information circular detailing the Arrangement is anticipated to be mailed to securityholders of Ketch and Bear Creek by early December. Meetings of the respective securityholders of both Ketch and Bear Creek to consider the Arrangement are scheduled to take

place January 10, 2005. Ketch and Bear Creek have each set a record date of November 29, 2004 for the respective meetings.

The Arrangement will require the approval of at least two-thirds of the votes cast by the shareholders, optionholders and warrantholders of each of Ketch and Bear Creek, voting at the respective securityholder meetings of Ketch and Bear Creek as a single class. In addition, the Arrangement will require the approval of a majority of the votes cast by the shareholders of each of Ketch and Bear Creek at their respective securityholder meetings, excluding the votes attached to shares held by directors and officers of Ketch and Bear Creek.

Implementation of the Arrangement will also require the satisfaction of several conditions set forth in the Arrangement Agreement, including the approval of the Court of Queen's Bench of Alberta and receipt of necessary regulatory approvals.

## Non-Solicitation Provisions

Pursuant to the Arrangement Agreement, each of Ketch and Bear Creek agreed to not directly or indirectly, do or authorize or permit any of its officers, directors or employees or any financial advisor, expert or other representative retained by it to do, any of the following:

- (a) solicit, facilitate, initiate or encourage any Acquisition Proposal (which is defined in the Arrangement Agreement to mean with respect to Ketch or Bear Creek, any inquiry or the making of any proposal to such party or its shareholders from any person which constitutes, or may reasonably be expected to lead to (in either case whether in one transaction or a series of transactions): (i) an acquisition from such party or its shareholders of any securities of such party (other than on exercise of currently outstanding Ketch options, Bear Creek options or Bear Creek warrants, as applicable) or its subsidiaries; (ii) any acquisition of a substantial amount of assets of such party or its subsidiaries; (iii) an amalgamation, arrangement, merger, or consolidation involving such party or its subsidiaries; or (iv) any take-over bid, issuer bid, exchange offer, recapitalization, liquidation, dissolution, reorganization into a royalty trust or income fund or similar transaction involving such party or its subsidiaries or any other transaction, the consummation of which would or could reasonably be expected to impede, interfere with, prevent or delay the transactions contemplated by the Agreement or the Arrangement or which would or could reasonably be expected to materially reduce the benefits to the other party thereto under the Arrangement Agreement or the Arrangement);
- (b) enter into or participate in any discussions or negotiations regarding an Acquisition Proposal, or furnish to any other person any information with respect to their respective businesses, properties, operations, prospects or conditions (financial or otherwise) in connection with an Acquisition Proposal or otherwise cooperate in any way with, or assist or participate in, facilitate or encourage, any effort or attempt of any other person to do or seek to do any of the foregoing;
- (c) waive, or otherwise forbear in the enforcement of, or enter into or participate in any discussions, negotiations or agreements to waive or otherwise forbear in respect of, any rights or other benefits under confidential information agreements, including, without limitation, any "standstill provisions" thereunder; or

(d) accept, recommend, approve or enter into an agreement to implement an Acquisition Proposal;

provided, however, that notwithstanding any other provision of the Arrangement Agreement, each party and its officers, directors and advisers may:

- (e) enter into or participate in any discussions or negotiations with a third party who (without any solicitation, initiation or encouragement, directly or indirectly, after the date of the Arrangement Agreement, by such party or any of its officers, directors or employees or any financial advisor, expert or other representative retained by it) seeks to initiate such discussions or negotiations and, subject to execution of a confidentiality agreement substantially similar to the confidentiality agreement between the parties (provided that such confidentiality agreement shall provide for disclosure thereof, along with all information provided thereunder, to the other party as set out below), may furnish to such third party information concerning such party and its business, properties and assets, in each case if, and only to the extent that:
  - (i) the third party has first made a written bona fide Acquisition Proposal which the board of directors of such party determines in good faith: (1) that funds or other consideration necessary for the Acquisition Proposal are or are likely to be available; (2) (after consultation with its financial advisor) would, if consummated in accordance with its terms, result in a transaction financially superior for securityholders of the receiving party than the transaction contemplated by the Arrangement Agreement; and (3) after receiving the advice of outside counsel as reflected in minutes of the board of directors of such party, that the taking of such action is necessary for the board of directors in discharge of its fiduciary duties under Applicable Laws (a "Superior Proposal"); and
  - (ii) prior to furnishing such information to or entering into or participating in any such discussions or negotiations with such third party, such party provides prompt notice to the other party to the effect that it is furnishing information to or entering into or participating in discussions or negotiations with such person or entity together with a copy of the confidentiality agreement referenced above and if not previously provided to the other party, copies of all information provided to such third party concurrently with the provision of such information to such third party, and provided further that such party shall notify the other party orally and in writing of any inquiries, offers or proposals with respect to a Superior Proposal (which written notice shall include, without limitation, a copy of any such proposal (and any amendments or supplements thereto), the identity of the person making it, if not previously provided to the other party, copies of all information provided to such party and all other information reasonably requested by the other party), within 24 hours of the receipt thereof, shall keep the other party informed of the status and details of any such inquiry, offer or proposal and answer the other party's questions with respect thereto; or
- (f) comply with Section 172 of the Securities Act (Alberta) and similar provisions under applicable Canadian securities laws relating to the provision of directors' circulars and make appropriate disclosure with respect thereto to its securityholders; and
- (g) accept, recommend, approve or enter into an agreement to implement a Superior Proposal from a third party, but only if prior to such acceptance, recommendation, approval or

implementation, its board of directors shall have concluded in good faith, after considering all proposals to adjust the terms and conditions of the Arrangement Agreement and after receiving the advice of outside counsel as reflected in minutes of the board of directors of such party, that the taking of such action is necessary for the board of directors in discharge of its fiduciary duties under applicable laws and such party has provided advance notice of the Superior Proposal to the other party in accordance with the Arrangement Agreement and terminates the Arrangement Agreement and concurrently therewith pays the applicable termination fee to the other party.

## Termination Fee

Pursuant to the Arrangement Agreement, Ketch and Bear Creek have agreed that if at any time after the execution of the Arrangement Agreement:

- (a) the board of directors of Bear Creek has withdrawn or changed any of its recommendations or determinations regarding the Arrangement in a manner adverse to Ketch or shall have resolved to do so prior to the date the Arrangement becomes effective under the *Business Corporations Act* (Alberta) (the "Effective Date");
- (b) a bona fide Acquisition Proposal is publicly announced, proposed, offered or made to the Bear Creek shareholders or to Bear Creek and the Bear Creek shareholders do not approve the Arrangement or the Arrangement is not submitted for their approval;
- (c) Bear Creek accepts, recommends, approves or enters into an agreement to implement a Superior Proposal; or
- (d) Bear Creek breaches any of its representations, warranties or covenants made in the Arrangement Agreement which breach individually or in the aggregate would have a material adverse effect on Bear Creek or materially impede the completion of the Arrangement;

(each of the above being a "Ketch Damages Event"), then in the event of the termination of the Arrangement Agreement, Bear Creek shall pay to Ketch \$5 million as liquidated damages in immediately available funds to an account designated by Ketch within one business day after the first to occur of the events described above, and after such event but prior to payment of such amount. Bear Creek shall be deemed to hold such fund in trust for Ketch.

If at any time after the execution of the Arrangement Agreement:

- (a) the board of directors of Ketch has withdrawn or changed any of its recommendations or determinations regarding the Arrangement in a manner adverse to Bear Creek or shall have resolved to do so prior to the Effective Date.
- (b) a bona fide Acquisition Proposal is publicly announced, proposed, offered or made to the Ketch shareholders or to Ketch and the Ketch shareholders do not approve the Arrangement or the Arrangement is not submitted for their approval;
- (c) Ketch accepts, recommends, approves or enters into an agreement to implement a Superior Proposal; or

(d) Ketch breaches any of its representations, warranties or covenants made in the Arrangement Agreement which breach individually or in the aggregate would have a material adverse effect on Ketch or materially impede the completion of the Arrangement;

(each of the above being a "Bear Creek Damages Event"), then in the event of the termination of the Arrangement Agreement, Ketch shall pay to Bear Creek \$7 million as liquidated damages in immediately available funds to an account designated by Bear Creek within one business day after the first to occur of the events described above (other than paragraph (d) above, which shall be \$5 million), and after such event but prior to payment of such amount, Ketch shall be deemed to hold such fund in trust for Bear Creek. Notwithstanding the foregoing, in the event there are two Bear Creek Damages Events, one of which is described in paragraph (d) above, Ketch shall pay Bear Creek, in substitution to the payment described above, \$7 million as liquidated damages in the manner described above.

### **Termination**

The Arrangement Agreement may be terminated at any time prior to the Effective Date:

- (a) by mutual written consent of Ketch and Bear Creek;
- (b) as a result of the failure to satisfy any of the conditions set forth in the Arrangement Agreement;
- (c) by Ketch upon the occurrence of a Ketch Damages Event provided that, in the event of the board of Bear Creek has withdrawn or changed any of its recommendations or determinations regarding the Arrangement in a manner adverse to Ketch or shall have resolved to do so prior to the Effective Date, the Arrangement Agreement may not be terminated by Ketch unless Bear Creek securityholders do not approve the Arrangement as required in the interim order of the Court of Queen's Bench concerning the Arrangement (the "Interim Order") or the Arrangement is not submitted for their approval;
- (d) by Bear Creek upon the occurrence of a Bear Creek Damages Event provided that, in the event the board of directors of Ketch has withdrawn or changed any of its recommendations or determinations regarding the Arrangement in a manner adverse to Bear Creek or shall have resolved to do so prior to the effective date of the Arrangement Agreement, the Arrangement Agreement may not be terminated by Bear Creek unless the Ketch Securityholders do not approve the Arrangement as required in the Interim Order or the Arrangement is not submitted for their approval;
- (e) by Ketch upon the occurrence of a Bear Creek Damages Event and the payment by Ketch to Bear Creek of the termination fee; and
- (f) by Bear Creek upon the occurrence of a Ketch Damages Event and the payment by Bear Creek to Ketch of the termination fee.

In the event of any such the termination, the Arrangement Agreement shall forthwith become void and neither party shall have any liability or further obligation to the other party hereunder except with respect to payment of the termination fee which shall survive such termination.

## Benefits of the Transaction

The Arrangement is designed to enhance shareholder value by combining certain low risk, mature assets of Ketch and Bear Creek to create a platform for optimization and stable distributions for the Trust, and at the same time create two new exploration and growth oriented entities. Shareholders of Ketch and Bear Creek will have the opportunity to participate in the future growth of all three entities created as a result of the transaction.

Management and directors of both Ketch and Bear Creek believe that the transaction provides the following strategic benefits:

- The separation of mature and growth assets aligns the risks and returns from each asset grouping and provides shareholders with the flexibility to determine their desired participation in each.
- The Trust provides a gas-levered vehicle to deliver cash flow from its diverse portfolio of mature assets to unitholders in a tax effective manner.
- With 2005 estimated average production of approximately 12,500 boe/d, the Trust will have the critical mass and access to low cost capital required to compete effectively for acquisitions and incremental lower risk development opportunities.
- All existing shareholders retain exposure to the substantial portfolio of both exploration and development opportunities that each management team has accumulated to date.
- The entities will be managed by experienced teams of professionals that have demonstrated their ability to deliver on their exploration, exploitation, acquisition and financial management objectives.

Based on these and other factors, the boards of directors of Ketch and Bear Creek have unanimously determined that the Arrangement is in the best interests of their respective securityholders. Management and directors of Ketch and Bear Creek, representing approximately 15 percent of the outstanding fully diluted common shares of Ketch and 16 percent of the outstanding fully diluted common shares of Bear Creek, have agreed to vote in favour of the Arrangement.

## Ketch Resources Trust

The Trust's mandate will be to generate stable monthly distributions to unitholders by focusing on low-cost operations and active development of its property base. The Trust is expected to have 2005 average production of approximately 12,500 boe/d, comprised of 57 mmcf/d of natural gas and 3,000 bbls/d of crude oil and liquids. Current production of the Trust assets is 9,325 boe/d comprised of 42.5 mmcf/d of natural gas and 2,240 bbls/d of crude oil and liquids. An additional 3,610 boe/d is awaiting tie-in. As of the date of the reserve evaluations prepared by Gilbert Laustsen Jung Associates Ltd. ("GLJ"), the Trust has proved plus probable reserves of 23.7 mmboe, resulting in an effective RLI of approximately 7.2 years, based on current production. These assets are characterized by high netbacks of approximately \$25.70/boe based on commodity prices of US\$38.00/bbl for oil and C\$6.50/GJ for natural gas and an exchange rate of 0.80 US\$/C\$ and low operating costs of approximately \$6.00 per boe. The Trust's high level of operatorship of over 85 percent will assist in ensuring that this attractive cost structure is maintained.

It is expected that the Trust will initially pay cash distributions equal to approximately 60% of the Trust's cash flow on a monthly basis beginning in February, 2005, based on the above commodity prices.

The Trust will have a full production and technical team to manage the assets of the Trust. This team will also manage the assets of Bear Ridge through a Technical Services Agreement between Bear Ridge and the Trust. The Trust will also enter into a Contract Operating Agreement with Kereco whereby Kereco will provide operating services with respect to the 2005 winter drilling program of the Trust that is expected to take place on current Ketch lands. The Trust's objective is to, at a minimum, maintain production at 12,500 boe/d for a 12 to 18 month period. The Trust has set its 2005 capital expenditure budget at \$61 million and has a strong project inventory of over 180 locations.

The Trust will have a hedging policy in order to provide downside commodity price protection through the use of physical and financial derivatives while minimizing the price cap on its product. As part of the Arrangement, the Trust will assume Ketch's current physical hedging portfolio as described below:

- 10,000 GJ/d collar (C\$6.50 by \$9.32) to March/05
- 5,000 GJ/d collar (C\$6.75 by \$10.25) to March/05

At closing, the Trust is expected to have approximately \$73 million of net debt. The Trust intends to maintain a debt to current year cash flow ratio of below 1.0. As of January 1, 2005, the debt to cash flow ratio of the Trust is estimated to be approximately 0.7 times, using the previously outlined commodity prices.

An industry comparable compensation program will be put in place that aligns unitholder and employee interests, and will include salaries, bonuses and a trust unit incentive plan. The Trust will feature an internalized management structure with no fixed percent bonus plan or fees payable on acquisitions or dispositions.

Grant Fagerheim of Ketch will be the Chairman of Ketch Trust, with the management team comprised of executives from Bear Creek led by Russell Tripp as CEO and Alan Steele as CFO. In addition to Mr. Fagerheim, the Board of Directors of Ketch Trust will include Daryl Birnie, C. Keith Caldwell, John Howard, Martin Lambert, Gerry Romanzin and Russell Tripp.

## Kereco

Ketch and Bear Creek shareholders will also receive common shares in a new growth and exploration focused natural gas producer, Kereco. Under the Arrangement, Kereco will receive certain of Ketch's producing assets and undeveloped lands in the highly prospective Balsam, Blair Creek, East Camrose and Valhalla/Progress properties. These interests are expected to produce approximately 1,300 boe/d in 2005, comprised of 7.4 mmcf/d of natural gas and 85 bbls/d of crude oil and liquids, based on an initial capital program of \$18 million. As of September 30, 2004, Kereco had proved plus probable reserves of 2.7 mmboe and production of approximately 850 boe/d. Kereco will also contain approximately 58,500 net acres of undeveloped land and an inventory of approximately 50 drilling locations.

Kereco will be managed by the current executives of Ketch and will be led by Grant Fagerheim as CEO. In addition to Mr. Fagerheim, the Board of Directors will include Daryl Birnie, C. Keith

Caldwell, J. Paul Charron, Gerry Romanzin and Grant Zawalsky, all of whom are independent of management of Kereco. Additional directors may be added before the closing of the transaction.

## Bear Ridge

Ketch and Bear Creek shareholders will also receive common shares in a second growth and exploration focused junior natural gas producer, Bear Ridge. Under the Arrangement, Bear Ridge will receive certain of Bear Creek's producing assets and undeveloped lands in the Goodwin, Sakwatamau, Edson, Highvale/Gunn and Peace River Arch areas. Current production is approximately 450 boe/d and is expected to grow to 1,000 boe/d in 2005, comprised of 4.3 mmcf/d of natural gas and 300 bbls/d of crude oil and liquids, based on an initial capital program of \$17 million. As of September 30, 2004, Bear Ridge had proved plus probable reserves of 0.9 mmboe. Bear Ridge will also contain approximately 32,000 net acres of undeveloped land on which a sizeable prospect inventory has been identified.

The management team of Bear Ridge will be comprised of executives from Bear Creek and will be led by Douglas Hibbs as President, with Russell Tripp as Executive Chairman. In addition to Mr. Tripp, the Board of Directors of Bear Ridge will include John Howard, Martin Lambert and Garry Tanner all of whom are independent of management of Bear Ridge. An additional independent director will be added before the closing of the transaction.

## Pro Forma Attributes of the Trust, Kereco and Bear Ridge

The following is a summary of certain pro forma attributes of each of the Trust, Kereco and Bear Ridge.

	Trust	Kereco	Bear Ridge
2005E Production			
Oil and Liquids (bbls/d)	3,000	85	300
Natural Gas (mmcf/d)	57.2	7.4	4.3
Total (boe/d)	12,500	1,300	1,000
Gas %	76%	94%	70%
Gas 70	70%	94%	70%
Reserves (1)			
Proved (mmboe)	18.3	1.8	0.7
P+P (mmboe)	23.7	2.7	0.9
Effective RLI (P+P) (2)	7.2 years	8.7 years	9.3 years
Bilouito ItBI (1-1)	7.2 y ears	o., yours	7.5 y <b>c</b> ars
Reserve Values (3)			
Proved (\$mm)	281.09	27.1	14.4
P+P (\$mm)	346.7	38.8	18.1
- (,			
Undeveloped Land (net acres) (4)	222,500	58,500	32,000
Ondo veropod Band (net deles)	222,500	30,300	22,000
Operating Costs	\$6.00/boe	\$6.00/boe	\$5.88/boe
Cash (\$mm)	\$9.7	\$6.0	\$4.0
Debt (\$mm)	\$83.2	\$3.0	\$2.0
Net Debt (Working Capital) (\$mm) (5)	\$73.5	(\$3.0)	(\$2.0)
Net Deat (Working Capital) (willin)	φ13.3	(45.0)	(\$2.0)
Basic Units/Shares Outstanding (mm)	40.3	18.3	19.4

#### Notes:

- (1) Based on the reserve evaluations of GLJ at September 30, 2004 for Ketch and October 1, 2004 for Bear Creek using GLJ's October 1, 2004 forecast pricing.
- (2) Effective RLI based on production at the effective date of the reserve report.
- (3) Reserve values are the before tax present values of cash flow at a 10% discount rate as per the GLJ reserve reports.
- (4) As at September 30, 2004.
- (5) Estimated net debt (working capital) at closing inclusive of transaction costs and net of the proceeds of planned private placements.
- (6) BOEs may be misleading, particularly if used in isolation. A BOE conversion ratio of 6 Mcf: 1 Bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead.

## Financings for the Trust, Kereco and Bear Ridge

In order to align the interests of management of each of the Trust, Kereco and Bear Ridge and their respective unitholders and shareholders, the securityholders of Ketch and Bear Creek will also be asked to approve the following private placements which are expected to be completed prior to the Arrangement.

A private placement of up to 277,778 units of the Trust, with an issue price equal to the net asset value ("NAV") of the assets of the Trust, will be offered to the management team of the Trust. Each unit will consist of one trust unit and one warrant, with each warrant having on exercise price equivalent to 120% of the NAV of the assets of the Trust at the closing of the private placement and exercisable as to 50% on the first anniversary and 50% on the second anniversary of the private placement. The trust units will be subject to escrow, and will be released as to onethird of the total amount of trust units on each of the first, second and third anniversaries of the private placement. Gross proceeds of \$2 million are expected to be raised under this private placement. Additional management identified by Ketch and Bear Creek prior to closing may also be given the opportunity to participate in the private placement of up to a maximum additional amount of \$1.5 million on the same terms and conditions. Upon closing, there will be approximately 40.3 million trust units issued and outstanding after the initial private placement. Based on the current stated intentions of the proposed directors and officers of the Trust with respect to the exercise of options currently held by such proposed directors and officers and based upon their existing shareholdings and their expected level of participation in the Trust's private placement, the proposed directors and officers of the Trust and their respective associates will own approximately 4% of the issued and outstanding units of the Trust.

A private placement of up to 5,769,231 units of Kereco, with an issue price of NAV for the assets of Kereco, will be made available to Kereco management, directors and employees raising total proceeds of \$6 million. Each unit will consist of one share and 0.832 of a warrant, with each full warrant having an exercise price equivalent to 120% of NAV of the assets of Kereco at closing of the private placement and exercisable as to 50% on the second anniversary and 50% on the third anniversary of the private placement. The Kereco shares issued on the private placement will be subject to an escrow, which will be released as to one-third of the total amount of the shares on each of the first, second and third anniversaries of the private placement. At closing of the Arrangement, Kereco will have \$3 million of net debt prior to taking into account the \$6 million of cash received in the private placement. There will be approximately 18.3 million common shares issued and outstanding after the initial private placement. Based on the current stated intentions of the proposed directors and officers of Kereco with respect to the exercise of options currently held by such proposed directors and officers and based upon their existing shareholdings and their expected level of participation in Kereco's private placement, the proposed directors and officers of Kereco and their respective associates will own approximately 12% of the issued and outstanding shares of Kereco.

A private placement of up to 8,510,639 units of Bear Ridge, with an issue price of NAV for the assets of Bear Ridge, will be made available to Bear Ridge management, directors and employees raising total proceeds of \$4 million. Each unit will consist of one share and 0.84 of a warrant, with each full warrant having an exercise price equivalent to 120% of NAV of the assets of Bear Ridge at closing of the private placement and exercisable as to 50% on the second anniversary and 50% on the third anniversary of the closing of the private placement. The Bear Ridge shares issued on the private placement will be subject to an escrow, which will be released as to onethird of the total amount of shares on each of the first, second and third anniversaries of the private placement. At closing of the Arrangement, Bear Ridge will have \$2 million of net debt prior to taking into account the \$4 million of cash received on the private placement. There will be approximately 19.4 million common shares issued and outstanding after the initial private placement. Based on the current stated intentions of the proposed directors and officers of Bear Ridge with respect to the exercise of options currently held by such proposed directors and officers and based upon their existing shareholdings and their expected level of participation in Bear Ridge's private placement, the proposed directors and officers of Bear Ridge and their respective associates will own approximately 18% of the issued and outstanding shares of Bear Ridge.

The private placements to be completed by the Trust, Kereco and Bear Ridge may be considered related party transactions, "connected transactions" or a "collateral benefit" for purposes of Ontario Securities Commission Rule 61-501. Since directors and officers of Ketch and Bear Creek are entitled to receive various benefits or payments in connection with the Arrangement and are expected to participate in one or more of the private placements, Ontario Securities Commission Rule 61-501 requires Ketch and Bear Creek to obtain a formal valuation for the Arrangement unless an exemption from the valuation requirements is available. Such an exemption is available because the fair market value of benefits and payments to interested parties in such transactions and the securities expected to be issued to such persons pursuant to the private placements do not exceed 25% of Ketch's or Bear Creek's market capitalization, as the case may be. In addition, the Ontario Securities Commission Rule 61-501 will require approval of these transactions by a majority of the votes cast by the shareholders of each of Ketch and Bear Creek after excluding votes attached to shares held by directors or officers of Ketch and Bear Creek.

## 6. Reliance on Subsection 7.1(2) or (3) of National Instrument 51-102:

Not applicable.

## 7. Omitted Information:

Not applicable.

## 8. Executive Officer:

For further information, contact Russell J. Tripp, President and Chief Executive Officer by telephone at (403) 514-3700.

## 9. Date of Report:

November 5, 2004.

### SCHEDULE "A"

### ARRANGEMENT AGREEMENT

THIS ARRANGEMENT AGREEMENT is dated as of the 26th day of October, 2004,

#### BETWEEN:

**BEAR CREEK ENERGY LTD.**, a corporation incorporated under the laws of the Province of Alberta ("BCo")

- and -

**KETCH RESOURCES LTD.**, a corporation incorporated under the laws of the Province of Alberta ("**KCo**")

WHEREAS BCo and KCo wish to propose an arrangement involving BCo and its securityholders and KCo and its securityholders;

AND WHEREAS the Parties hereto intend to carry out the transactions contemplated herein by way of an arrangement under the provisions of the *Business Corporations Act* (Alberta) ("ABCA");

AND WHEREAS the Parties hereto have entered into this Agreement to provide for the matters referred to in the foregoing recitals and for other matters relating to such arrangement;

**NOW THEREFORE**, in consideration of the covenants and agreements herein contained and other good and valuable consideration (the receipt and sufficiency of which are hereby acknowledged), the Parties hereto do hereby covenant and agree as follows:

# ARTICLE 1 INTERPRETATION

## 1.1 Definitions

In this Agreement, unless there is something in the context or subject matter inconsistent therewith, the following defined terms have the meanings hereinafter set forth:

- (a) "ABCA" means the *Business Corporations Act*, R.S.A. 2000, c. B-9, as amended, including the regulations promulgated thereunder;
- (b) "Acquisition Corporations" has the meaning set forth in Section 2.5;
- (c) "Acquisition Proposal" means, with respect to BCo or KCo, any inquiry or the making of any proposal to such Party or its shareholders from any person which constitutes, or may reasonably be expected to lead to (in either case whether in one transaction or a series of transactions): (i) an acquisition from such Party or its shareholders of any securities of such Party (other than on exercise of currently outstanding BCo Options, BCo Warrants, KCo Options or KCo Warrants, as applicable) or its subsidiaries; (ii) any acquisition of a substantial amount of assets of such Party or its subsidiaries; (iii) an amalgamation, arrangement, merger, or consolidation involving such Party or its subsidiaries; or (iv) any take-over bid, issuer bid, exchange offer, recapitalization, liquidation, dissolution, reorganization into a royalty trust or income fund or similar transaction

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involving such Party or its subsidiaries or any other transaction, the consummation of which would or could reasonably be expected to impede, interfere with, prevent or delay the transactions contemplated by this Agreement or the Arrangement or which would or could reasonably be expected to materially reduce the benefits to the other party hereto under this Agreement or the Arrangement;

- (d) "Agreement", "herein", "hereof", "hereto", "hereunder" and similar expressions mean and refer to this arrangement agreement (including the schedules hereto) as supplemented, modified or amended, and not to any particular article, section, schedule or other portion hereof;
- (e) "AmalgamationCo" means the corporation resulting from the amalgamation of BCo, KCo and the Acquisition Corporations pursuant to the Arrangement;
- (f) "Applicable Laws" means all applicable securities laws, rules of applicable stock exchanges and applicable corporate laws;
- (g) "Arrangement" means the arrangement pursuant to Section 193 of the ABCA set forth in the Plan of Arrangement;
- (h) "Arrangement Resolution" means the special resolution in respect to the Arrangement, the BNewco Private Placement, the Trust Private Placement, the BNewco Incentive Plans, the KNewco Private Placement, the Trust Incentive Plan, the KNewco Incentive Plan and other related matters to be considered at the BCo Meeting and the KCo Meeting, as the case may be;
- (i) "Articles of Arrangement" means the articles of arrangement in respect of the Arrangement required under Subsection 193(10) of the ABCA to be sent to the Registrar after the Final Order has been granted, giving effect to the Arrangement;
- "Business Day" means a day other than a Saturday, Sunday or other than a day when banks in the City of Calgary, Alberta are not generally open for business;
- (k) "BCo Amalgamation" means the vertical, short-form amalgamation to be undertaken on January 1, 2005 pursuant to Section 104 of the ABCA, among BCo and the BSubsidiaries;
- (l) "BCo Damages Event" has the meaning set forth in Section 7.1;
- (m) "BCo Financial Statements" means, collectively, the audited consolidated financial statements of BCo for the year ended December 31, 2003, together with the notes thereto and the report of the auditors thereon, and the interim unaudited financial statements of BCo for the three month period ended March 31, 2004 and the interim unaudited financial statements of BCo for the six month period ended June 30, 2004;
- (n) "BCo Information" means the information included in the BCo Information Circular describing BCo and its business, operations and affairs and the matters to be considered at the BCo Meeting;
- (o) "BCo Information Circular" means the information circular of BCo to be sent by BCo to the BCo Securityholders in connection with the BCo Meeting (and if BCo and KCo determine it appropriate, may be part of a joint information circular which shall also be sent to KCo Securityholders in connection with the KCo Meeting);

- (p) "BCo Lock-Up Agreements" means agreements in form satisfactory to KCo between BCo and the BCo Lock-Up Securityholders pursuant to which the BCo Lock-Up Securityholders agree to irrevocably vote the BCo Securities beneficially owned or controlled by the BCo Lock-Up Securityholders in favour of the Arrangement Resolution and to otherwise support the Arrangement and other related matters to be considered at the BCo Meeting;
- (q) "BCo Lock-Up Securityholders" means those BCo Securityholders that have entered into BCo Lock-Up Agreements with BCo;
- (r) "BCo Meeting" means the special meeting of BCo Securityholders to be held to consider the Arrangement Resolution and related matters, and any adjournment(s) thereof;
- (s) "BCo Optionholders" means the holders from time to time of BCo Options;
- (t) "BCo Options" means the outstanding stock options, whether or not vested, to acquire BCo Shares;
- (u) "BCo Securities" means, collectively, the BCo Shares, the BCo Options and the BCo Warrants;
- (v) "BCo Securityholders" means, collectively, the BCo Shareholders, the BCo Optionholders and the BCo Warrantholders;
- (w) "BCo Shareholders" means the holders of issued and outstanding BCo Shares;
- (x) "BCo Shares" means the common shares in the capital of BCo;
- (y) "BCo Warrantholders" means the holders from time to time of BCo Warrants;
- (z) "BCo Warrants" means the outstanding warrants to acquire BCo Shares;
- (aa) "BNewco" has the meaning set forth in Section 2.6;
- (bb) "BNewco Assets" means the assets identified in Schedule B to this Agreement and such additional assets as BCo and KCo shall agree, acting reasonably, to be transferred by BCo to BNewco pursuant to the Arrangement;
- (cc) "BNewco Common Shares" means the common shares in the capital of BNewco;
- (dd) "BNewco Conveyance Agreement" means the agreement to be entered into between BCo and BNewco, in form satisfactory to each of BCo and KCo, acting reasonably, effecting the sale of the BNewco Assets to BNewco;
- (ee) "BNewco Incentive Plans" means the one or more incentive plans for the benefit of the BNewco Service Providers under which the maximum number of BNewco Common Shares reserved for issuance shall, in the aggregate, not exceed 10% of the BNewco Outstanding Shares;
- (ff) "BNewco Outstanding Shares" means the number of BNewco Common Shares outstanding after giving effect to the Arrangement;
- (gg) "BNewco Private Placement" means the proposed private placement to be completed by BNewco prior to the completion of the Arrangement as described in Section 4.1, the terms of which shall include those set forth in Schedule F attached hereto;

- (hh) "BNewco Service Providers" means the directors, officers, employees and consultants of BNewco;
- (ii) "BNewco Technical Services Agreement" means the agreement to be entered into between BCo and BNewco, the principal terms of which are set forth in Schedule D attached hereto, and otherwise in form satisfactory to each of BCo and KCo, acting reasonably;
- (jj) "BNewco Warrants" means the warrants of BNewco to be issued pursuant to the BNewco Private Placement;
- (kk) "BSubsidiaries" means, collectively, 1036655 Alberta Ltd., a corporation incorporated under the ABCA, and Crossfield Gas Corp., a corporation incorporated under the ABCA;
- (ll) "Certificate" means the certificate or other confirmation of filing to be issued by the Registrar pursuant to Subsection 193(11) of the ABCA giving effect to the Arrangement;
- (mm) "Closing Time" shall be 8:00 a.m. (Calgary time) on the Business Day immediately following the date of the later of the KCo Meeting and the BCo Meeting, unless otherwise agreed to by BCo and KCo;
- (nn) "Competition Act" means the Competition Act, R.S. 1985, c. C-34, as amended;
- (00) "Confidentiality Agreement" means the mutual confidentiality agreement between BCo and KCo dated September 1, 2004 in respect of information relating to BCo and KCo;
- (pp) "Court" means the Court of Queen's Bench of Alberta;
- (qq) "Effective Date" means the date the Arrangement becomes effective under the ABCA;
- (rr) "Effective Time" means 12:01 a.m. (Calgary time) on the Effective Date;
- (ss) "Final Order" means the order of the Court approving the Arrangement pursuant to Subsection 193(9) of the ABCA in respect of BCo and KCo, as such order may be affirmed, amended or modified by any court of competent jurisdiction;
- (tt) "Interim Order" means an interim order of the Court concerning the Arrangement under Subsection 193(4) of the ABCA in respect of BCo and KCo, containing declarations and directions with respect to the Arrangement and the holding of the BCo Meeting and the KCo Meeting, as such order may be affirmed, amended or modified by any court of competent jurisdiction;
- (uu) "ITA" means the Income Tax Act (Canada), including the regulations thereunder as amended;
- (vv) "KCo Damages Event" has the meaning set forth in Section 7.2;
- (ww) "KCo Financial Statements" means, collectively, the audited consolidated financial statements of KCo for the year ended December 31, 2003, together with the notes thereto and the report of the auditors thereon, and the interim unaudited financial statements of KCo for the three month period ended March 31, 2004 and the interim unaudited financial statements of KCo for the six month period ended June 30, 2004;

- (xx) "KCo Information" means the information included in the KCo Information Circular describing KCo and its business, operations and affairs and the matters to be considered at the KCo Meeting;
- (yy) "KCo Information Circular" means the management proxy circular of KCo to be sent by KCo to the KCo Securityholders in connection with the KCo Meeting (and if BCo and KCo determine it appropriate, may be part of a joint information circular which shall also be sent to BCo Securityholders in connection with the BCo Meeting);
- (zz) "KCo Lock-up Agreements" means agreements in form satisfactory to BCo between KCo and the KCo Lock-Up Securityholders pursuant to which the KCo Lock-Up Securityholders agree to irrevocably vote the KCo Securities beneficially owned or controlled by the KCo Lock-Up Securityholders in favour of the Arrangement Resolution and to otherwise support the Arrangement and other related matters to be considered at the KCo Meeting.
- (aaa) "KCo Lock-up Securityholders" means those KCo Securityholders that have entered into KCo Lock-Up Agreements with KCo;
- (bbb) "KCo Meeting" means the special meeting of KCo Securityholders to be held to consider the Arrangement Resolution and related matters, and any adjournments thereof;
- (ccc) "KCo Optionholders" means the holders from time to time of KCo Options;
- (ddd) "KCo Options" means the outstanding stock options, whether or not vested, to acquire KCo Shares;
- (eee) "KCo Partnership Reorganization and Amalgamation" means the addition of a partner to the KPartnership to be undertaken prior to January 1, 2005 and the subsequent amalgamation of Ketch and the KSubsidiaries to be undertaken on January 1, 2005;
- (fff) "KCo Securities" means, collectively, the KCo Shares, the KCo Options and the KCo Warrants;
- (ggg) "KCo Securityholders" means, collectively, the KCo Shareholders, the KCo Optionholders and the KCo Warrantholders;
- (hhh) "KCo Shareholders" means the holders from time to time of KCo Shares;
- (iii) "KCo Shares" means the common shares in the capital of KCo;
- (jjj) "KCo Warrantholders" means the holders from time to time of KCo Warrants;
- (kkk) "KCo Warrants" means the outstanding warrants to acquire KCo Shares;
- (III) "KNewco" has the meaning set forth in Section 2.7;
- (mmm) "KNewco Assets" means the assets identified in Schedule C to this Agreement and such additional assets as BCo and KCo shall agree, acting reasonably, to be transferred by KCo to KNewco pursuant to the Arrangement;
- (nnn) "KNewco Common Shares" means the common shares in the capital of KNewco;

- (000) "KNewco Contract Operating Services Agreement" means the agreement to be entered into between KCo and KNewco, the principal terms of which are set forth in Schedule E attached hereto, and otherwise in form satisfactory to each of BCo and KCo, acting reasonably;
- (ppp) "KNewco Conveyance Agreement" means the agreement to be entered into between KCo and KNewco, in form satisfactory to each of BCo and KCo, acting reasonably, effecting the sale of KNewco Assets to KNewco;
- (qqq) "KNewco Incentive Plan" means the incentive plan for the benefit of the KNewco Service Providers under which the maximum number of KNewco Common Shares reserved for issuance shall, in the aggregate, not exceed 10% of the KNewco Outstanding Shares;
- (rrr) "KNewco Outstanding Shares" means the number of KNewco Common Shares outstanding after giving effect to the Arrangement;
- (sss) "KNewco Private Placement" means the proposed private placement to be completed by KNewco prior to the completion of the Arrangement as described in Section 4.2, the terms of which shall include those set forth in Schedule G attached hereto;
- (ttt) "KNewco Service Providers" means the directors, officers, employees and consultants of KNewco;
- (uuu) "KNewco Warrants" means the warrants of KNewco to be issued pursuant to the KNewco Private Placement;
- (vvv) "**KPartnership**" means Ketch Resources Partnership, a general partnership, the partners of which are KCo and Gauntlet Energy Corporation;
- (www) "KSubsidiaries" means Gauntlet Energy Corporation, a corporation incorporated under the ABCA;
- (xxx) "Parties" means, collectively, BCo and KCo; and "Party" means either one of them;
- (yyy) "Plan of Arrangement" means the plan of arrangement substantially in the form set out in Schedule A hereto as amended or supplemented from time to time in accordance with Article 6 thereof and Article 8 hereof:
- (zzz) "Public Record" means all information filed by either BCo or KCo, as the case may be, after December 31, 2002 with any securities commission or similar regulatory authority in compliance, or intended compliance, with any applicable securities laws;
- (aaaa) "Receiving Party" has the meaning set forth in Section 3.4(c);
- (bbbb) "Registrar" means the Registrar of Corporations for the Province of Alberta duly appointed under the ABCA;
- (cccc) "Retained Employees" means those individuals employed by either BCo or KCo immediately prior to the Effective Date who BCo and KCo agree shall receive written notice, on or prior to the Effective Date, confirming their employment by one of AmalgamationCo, BNewco or KNewco (or an affiliate thereof) following the Effective Date;

- (dddd) "Returns" shall mean all reports, estimates, elections, designations, forms, declarations of estimated tax, information statements and returns relating to, or required to be filed in connection with, any Taxes;
- (eeee) "Subsidiary" has the meaning ascribed thereto in the ABCA (and shall include all partnerships directly or indirectly owned by BCo, or KCo, as the case may be);
- (ffff) "Superior Proposal" has the meaning set forth in Section 3.4(b)(v)(A);
- (gggg) "Taxes" shall mean all taxes, however denominated, including any interest, penalties or other additions that may become payable in respect thereof, imposed by any federal, territorial, state, local or foreign government or any agency or political subdivision of any such government, which taxes shall include, without limiting the generality of the foregoing, all income or profits taxes (including, but not limited to, federal income taxes and provincial income taxes), payroll and employee withholding taxes, unemployment insurance, social insurance taxes, sales and use taxes, ad valorem taxes, excise taxes, franchise taxes, gross receipts taxes, business license taxes, occupation taxes, real and personal property taxes, stamp taxes, environmental taxes, transfer taxes, workers compensation and other governmental charges, and other obligations of the same or of a similar nature to any of the foregoing, which BCo or KCo (or any of their respective subsidiaries), as the case may be, is required to pay, withhold, remit or collect; and
- (hhhh) "Trust" has the meaning set forth in Section 2.4;
- (iiii) "Trust Incentive Plan" means the incentive plan for the benefit of the Trust Service Providers under which the maximum number of Trust Units reserved for issuance shall be as determined by the Board of Directors of AmalgamationCo but in any event no more than 5% of the Trust Units outstanding after giving effect to the Arrangement and the Trust Private Placement;
- (jjjj) "Trust Private Placement" means the proposed private placement to be completed by the Trust prior to the completion of the Arrangement as described in Section 4.3, the terms of which shall include those set forth in Schedule H attached hereto;
- (kkkk) "Trust Service Providers" means the directors, officers, employees and consultants of AmalgamationCo;
- (Illl) "Trust Unit" means a unit of the Trust issued by the Trust;
- (mmmm) "Trust Warrants" means the warrants of the Trust to be issued pursuant to the Trust Private Placement; and
- (nnnn) "TSX" means the Toronto Stock Exchange.

## 1.2 Interpretation Not Affected by Headings, etc.

The division of this Agreement into articles, sections and subsections is for convenience of reference only and does not affect the construction or interpretation of this Agreement. The terms "this Agreement", "hereof", "herein" and "hereunder" and similar expressions refer to this Agreement (including Schedule A hereto) and not to any particular article, section or other portion hereof and include any agreement or instrument supplementary or ancillary hereto.

## 1.3 Number, etc.

Words importing the singular number include the plural and vice versa, words importing the use of any gender include all genders, and words importing persons include firms and corporations and vice versa.

## 1.4 Date for Any Action

If any date on which any action is required to be taken hereunder by any of the Parties is not a Business Day and a business day in the place where an action is required to be taken, such action is required to be taken on the next succeeding day which is a Business Day and a business day, as applicable, in such place.

## 1.5 Entire Agreement

This Agreement, the Confidentiality Agreement, the BCo Lock-Up Agreements and the KCo Lock-Up Agreements, together with the agreements and documents herein and therein referred to, constitute the entire agreement among the Parties pertaining to the subject matter hereof and supersede all prior agreements, understandings, negotiations and discussions, whether oral or written, among the Parties with respect to the subject matter hereof.

## 1.6 Currency

All sums of money which are referred to in this Agreement are expressed in lawful money of Canada.

## 1.7 Accounting Matters

Unless otherwise stated, all accounting terms used in this Agreement shall have the meanings attributable thereto under Canadian generally accepted accounting principles and all determinations of an accounting nature are required to be made shall be made in a manner consistent with Canadian generally accepted accounting principles.

## 1.8 Disclosure in Writing

Reference to disclosure in writing herein shall, in the case of BCo, include disclosure to BCo or its representatives, or in the case of KCo, include disclosure to KCo or its representatives.

### 1.9 Schedules

The following schedules attached hereto are incorporated into and form an integral part of this Agreement:

- A Plan of Arrangement
- B BNewco Assets
- C KNewco Assets
- D Terms of BNewco Technical Services Agreement
- E Terms of KNewco Contract Operating Services Agreement
- F Terms of BNewco Private Placement
- G Terms of KNewco Private Placement
- H Terms of Trust Private Placement

# ARTICLE 2 THE ARRANGEMENT

## 2.1 Plan of Arrangement

Each of BCo and KCo will forthwith jointly file, proceed with and diligently prosecute an application for an Interim Order providing for, among other things, the calling and holding of the BCo Meeting and the KCo Meeting, which shall be held concurrently on the same date, if practicable, for the purpose of considering and, if deemed advisable, approving the Arrangement Resolution. Provided all necessary approvals for the Arrangement Resolution are obtained from the BCo Securityholders and the KCo Securityholders, each of BCo and KCo shall submit the Arrangement to the Court and jointly apply for the Final Order. Upon issuance of the Final Order and subject to the conditions precedent in Article 6, each of BCo and KCo shall forthwith proceed to file the Articles or Arrangement, the Final Order and such other documents as may be required to give effect to the Arrangement with the Registrar pursuant to Subsection 193(9) of the ABCA, whereupon the transactions comprising the Arrangement shall occur and shall be deemed to have occur in the order set out therein without any act or formality. The Parties hereby covenant and agree to act reasonably to finalize the terms of the Plan of Arrangement consistent with the provisions of this Agreement.

### 2.2 Interim Order

The Interim Order shall provide that:

- (a) for the purpose of the BCo Meeting:
  - (i) the securities of BCo for which holders shall be entitled to vote on the Arrangement Resolution shall be the BCo Shares, the BCo Options and the BCo Warrants;
  - (ii) the BCo Shareholders, the BCo Optionholders and the BCo Warrantholders shall be entitled to vote on the Arrangement Resolution together as a single class, and not as separate classes, with each BCo Shareholder being entitled to one vote for each BCo Share held by such holder, each BCo Optionholder being entitled to one vote for each BCo Share issuable pursuant to the BCo Options held by such holder and each BCo Warrantholder being entitled to one vote for each BCo Share issuable pursuant to the BCo Warrants held by such holder; and
  - (iii) the requisite majority for the approval of the Arrangement Resolution shall be: (i) two-thirds of the votes cast by the BCo Securityholders present in person or by proxy at the BCo Meeting, voting together as a single class, and not as separate classes; and (ii) a majority of the votes cast by the BCo Shareholders, after excluding the votes cast by directors and officers of BCo and KCo who are entitled to participate in the BNewco Private Placement, the KNewco Private Placement or the Trust Private Placement;
- (b) for the purpose of the KCo Meeting:
  - (i) the securities of KCO for which holders shall be entitled to vote on the Arrangement Resolution shall be the KCo Shares, the KCo Options and the KCo Warrants;
  - (ii) the KCo Shareholders, the KCo Optionholders and the KCo Warrantholders shall be entitled to vote on the Arrangement Resolution together as a single class, and not as separate classes, with each KCo Shareholder being entitled to one vote for each KCo

Share held by such holder, each KCo Optionholder being entitled to one vote for each KCo Share issuable pursuant to the KCo Options held by such holder and each KCo Warrantholder being entitled to one vote for each KCo Share issuable pursuant to the KCo Warrants held by such holder; and

(iii) the requisite majority for the approval of the Arrangement Resolution shall be: (i) two-thirds of the votes cast by the KCo Securityholders present in person or by proxy at the KCo Meeting, voting together as a single class, and not as separate classes; and (ii) a majority of the votes cast by the KCo Shareholders, after excluding the votes cast by directors and officers of BCo and KCo who are entitled to participate in the BNewco Private Placement, the KNewco Private Placement or the Trust Private Placement.

## 2.3 Information Circulars and Meetings

- (a) As promptly as practical following the execution of this Agreement and in compliance with the Interim Order and applicable corporate and securities laws:
  - (i) BCo shall:
    - (A) prepare the BCo Information Circular and cause such circular to be mailed to the BCo Securityholders and filed with applicable regulatory authorities and other governmental authorities in all jurisdictions where the same are required to be mailed and filed; and
    - (B) convene the BCo Meeting; and
  - (ii) KCo shall:
    - (A) prepare the KCo Information Circular and cause such circular to be mailed to the KCo Securityholders and filed with applicable regulatory authorities and other governmental authorities in all jurisdictions where the same are required to be mailed and filed; and
    - (B) convene the KCo Meeting.

## 2.4 Trust

On or prior to the Effective Date, BCo shall settle or cause to be settled an unincorporated open-ended investment trust (the "Trust") under the laws of the Province of Alberta in such form as agreed to by BCo and KCo and in form customary for transactions of this type. Prior to the Effective Time, BCo shall not cause or permit the Trust to: (i) issue any securities or enter into any agreements to issue or grant options, warrants or rights to purchase any of its securities except for the issuance of a nominal number of Trust Units as is necessary to properly settle the Trust; or (ii) carry on any business, enter into any transaction or effect any act whatsoever, other than as contemplated herein or as reasonably necessary to carry out the transactions contemplated by the Plan of Arrangement or the Trust Private Placement unless previously consented to in writing by BCo.

## 2.5 Acquisition Corporations

Prior to the Effective Date, BCo shall cause two new corporations to be incorporated under the ABCA (collectively, the "Acquisition Corporations") as wholly-owned subsidiaries of the Trust.

Prior to the Effective Time, BCo shall not cause or permit either of the Acquisition Corporations to: (i) issue any securities or enter into any agreements to issue or grant options, warrants or rights to purchase any of its securities except for the issuance of a nominal number of common shares to the Trust on incorporation; or (ii) carry on any business, enter into any transaction or effect any corporate act whatsoever, other than as contemplated herein or as reasonably necessary to carry out the transactions contemplated by the Plan of Arrangement unless previously consented to in writing by KCo.

## 2.6 BNewco

Prior to the Effective Date, BCo shall cause a new corporation to be incorporated under the ABCA ("BNewco"). BNewco shall have such provisions included in its articles of incorporation as may be agreed by BCo and KCo, acting reasonably. Prior to the Effective Time, BCo shall not cause or permit BNewco to: (i) issue any securities or enter into any agreements to issue or grant options, warrants or rights to purchase any of its securities except for the issuance of a nominal number of common shares to BCo on incorporation; or (ii) carry on any business, enter into any transaction or effect any corporate act whatsoever, other than as contemplated herein or as reasonably necessary to carry out the transactions contemplated by the Plan of Arrangement or the BNewco Private Placement unless previously consented to in writing by KCo.

#### 2.7 KNewco

Prior to the Effective Date, KCo shall cause a new corporation to be incorporated under the ABCA ("KNewco"). KNewco shall have such provisions included in its articles of incorporation as may be agreed by BCo and KCo, acting reasonably. Prior to the Effective Time, KCo shall not cause or permit KNewco to: (i) issue any securities or enter into any agreements to issue or grant options, warrants or rights to purchase any of its securities except for the issuance of a nominal number of common shares to KCo on incorporation; or (ii) carry on any business, enter into any transaction or effect any corporate act whatsoever, other than as contemplated herein or as reasonably necessary to carry out the transactions contemplated by the Plan of Arrangement or the KNewco Private Placement unless previously consented to in writing by BCo.

## 2.8 Completion of Transactions

BCo shall cause each of the Trust, the Acquisition Corporations and BNewco to complete the transactions contemplated herein and in the Plan of Arrangement. KCo shall cause KNewco to complete the transactions contemplated herein and in the Plan of Arrangement.

## 2.9 Effective Date

The Arrangement shall become effective at the Effective Time on the Effective Date.

## ARTICLE 3 COVENANTS

## 3.1 Covenants of BCo

From the date hereof until the Effective Date or termination of this Agreement, except with the prior written consent of KCo (such consent not to be unreasonably withheld), and except as otherwise expressly permitted or specifically contemplated by this Agreement:

- (a) BCo's business and the business of each of its subsidiaries shall be conducted only in the usual and ordinary course of business consistent with past practices (for greater certainty, where it is an operator of any property, it shall operate and maintain such property in a proper and prudent manner in accordance with good industry practice and the agreements governing the ownership and operation of such property) and BCo shall consult with KCo in respect of the ongoing business and affairs of BCo and its subsidiaries and keep KCo apprised of all material developments relating thereto;
- other than the BCo Amalgamation, BCo shall not directly or indirectly do or permit to occur any of the following: (i) amend its constating documents; (ii) declare, set aside or pay any dividend or other distribution or payment (whether in cash, shares or property) in respect of its outstanding shares; (iii) issue (other than on exercise of currently outstanding BCo Options or BCo Warrants), grant, sell or pledge or agree to issue, grant, sell or pledge any shares of BCo, or securities convertible into or exchangeable or exercisable for, or otherwise evidencing a right to acquire, shares of BCo; (iv) redeem, purchase or otherwise acquire any of its outstanding shares or other securities, except as permitted hereunder; (v) split, combine or reclassify any of its shares; (vi) adopt a plan of liquidation or resolutions providing for the liquidation, dissolution, merger, consolidation or reorganization of BCo; or (vii) enter into or modify any contract, agreement, commitment or arrangement with respect to any of the foregoing;
- (c) other than is necessary to effect the BCo Amalgamation, BCo will not, and will not permit any of its subsidiaries to, directly or indirectly do any of the following other than pursuant to commitments entered into prior to the date of this Agreement and disclosed to KCo in writing or otherwise without the prior consent of KCo, such consent not to be unreasonably withheld: (i) sell, pledge, dispose of or encumber any assets except for production in the ordinary course of business, for a consideration in excess of \$100,000 individually or \$500,000 in the aggregate; (ii) expend or commit to expend amounts in respect of capital or operating expenses in excess of \$250,000 individually or \$500,000 per month (on a cumulative basis) in the aggregate (excluding expenditures specified in BCo's current 2004 budget as disclosed to KCo and fourth quarter 2004 expenditures for seismic, land or assets intended for BNewco, which for greater certainty, shall not be subject to the foregoing covenant set forth in this Section 3.1(c), and for which BNewco shall agree to reimburse the Trust under the BNewco Conveyance Agreement through the assumption of debt or otherwise (to the extent that such expenditures are in excess of \$5 million)); (iii) reorganize, amalgamate, merge or otherwise continue BCo or any of its subsidiaries with any other person, corporation, partnership or other business organization whatsoever; (iv) acquire (by merger, amalgamation, consolidation or acquisition of shares or assets) any corporation, partnership or other business organization or division thereof, or, except for investments in securities made in the ordinary course of business, make any investment either by purchase of shares or securities, contributions of capital (other than to subsidiaries), property transfer, or, except in the ordinary course of business, purchase of any property or assets of any other individual or entity, in each case having a value in excess of \$100,000 individually or \$250,000 in the aggregate (excluding purchases of seismic, land or assets intended for BNewco,

which for greater certainty, shall not be subject to the foregoing covenant set forth in this Section 3.1(c), and for which BNewco shall agree to reimburse the Trust under the BNewco Conveyance Agreement through the assumption of debt or otherwise); (v) incur any indebtedness for borrowed money or any other material liability or obligation or issue any debt securities or assume, guarantee, endorse or otherwise as an accommodation become responsible for, the obligation of any other individual or entity, or make any loans or advances, except in the ordinary course of business or otherwise in excess of \$100,000 individually or \$500,000 in the aggregate; (vi) pay, discharge or satisfy any material claims, liabilities or obligations other than disclosed in writing to KCo prior to the entering into of this Agreement or reflected or reserved against in the BCo Financial Statements or otherwise in the ordinary course of business; (vii) enter into any hedges, swaps or other financial instruments or like transactions; (viii) enter into any agreements for the sale of production having a term of more than thirty (30) days; (ix) enter into any consulting or contract operating agreement that cannot be terminated on thirty (30) days or less notice without penalty; or (x) authorize or propose any of the foregoing, or enter into or modify any contract, agreement, commitment or arrangement to do any of the foregoing;

- (d) BCo shall not adopt or amend or make any contribution to any bonus, profit sharing, option, pension, retirement, deferred compensation, insurance, incentive compensation, other compensation or other similar plan, agreement, trust, fund or arrangements for the benefit of employees, except as is necessary to comply with the law or with respect to existing provisions of any such plans, programs, arrangements or agreements;
- (e) each of its senior officers and directors have advised BCo that they intend to vote in favour of the Arrangement Resolution and BCo will use its reasonable commercial efforts to cause each of the directors and senior officers of BCo to vote in favour of the Arrangement Resolution;
- (f) BCo shall not, nor permit any of its subsidiaries to, grant any officer, director, employee or consultant an increase in compensation in any form or take any action with respect to the amendment or grant of any severance or termination pay policies or arrangements for any directors, officers, employees or consultants, nor adopt or amend (other than to permit accelerated vesting of options) or make any contribution to any bonus, profit-sharing, option, pension, retirement, deferred compensation, insurance, incentive compensation, other compensation or other similar plan from a trust fund or arrangement for the benefit of directors, officers, employees or consultants, except as is necessary to comply with the law or with respect to existing provisions of any such plans, programs, arrangements or agreements;
- (g) BCo shall use its reasonable commercial efforts to cause its current insurance (or re-insurance) policies not to be cancelled or terminated or any of the coverage thereunder to lapse, unless simultaneously with such termination, cancellation or lapse, replacement policies underwritten by insurance or re-insurance companies of nationally recognized standing providing coverage equal to or greater than the coverage under the cancelled, terminated or lapsed policies for substantially similar premiums are in full force and effect;
- (h) BCo will use its reasonable commercial efforts to enter into written agreements on or prior to November 15, 2004 with BCo Warrantholders holding not less than 66 2/3% of the issued and outstanding BCo Warrants, in form satisfactory to BCo and KCo, acting reasonably, pursuant to which such holders shall agree to exercise the BCo Warrants held by such holders after the BCo Meeting and prior to the Effective Date provided that, in each case, BCo shall not pay any amount in consideration therefor without the prior approval of KCo;

- (i) except to permit the early vesting of all BCo Options, no amendments shall be made to outstanding BCo Options or BCo Warrants without the prior written consent of KCo;
- (j) BCo shall not take any action that would render, or may reasonably be expected to render, any representation or warranty made by it in this Agreement untrue in any material respect at any time prior to completion of the Arrangement or termination of this Agreement, whichever first occurs;
- (k) BCo shall promptly notify KCo in writing of any material change (actual, anticipated, contemplated or, to the knowledge of BCo threatened, financial or otherwise) in its business, operations, affairs, assets, capitalization, financial condition, prospects, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of BCo or of any change in any representation or warranty provided by BCo in this Agreement which change is or may be of such a nature to render any representation or warranty misleading or untrue in any material respect and BCo shall in good faith discuss with KCo any change in circumstances (actual, anticipated, contemplated, or to the knowledge of BCo threatened) which is of such a nature that there may be a reasonable question as to whether notice need to be given to KCo pursuant to this provision;
- (1) BCo shall ensure that it has available funds under its lines of credit or other bank facilities to permit the payment of the amount which may be required by Section 7.2 having regard to its other liabilities and obligations, and shall take all such actions as may be necessary to ensure that it maintains such availability to ensure that it is able to pay such amount when required;
- (m) BCo shall use its reasonable commercial efforts to obtain BCo Lock-Up Agreements on or before November 15, 2004 from each of its senior officers and directors;
- (n) BCo shall use its reasonable commercial efforts to obtain the consent of its bankers and any other third party consents required for the transactions contemplated hereby and provide the same to KCo on or prior to the Effective Date;
- (o) BCo shall use its reasonable commercial efforts to satisfy or cause satisfaction of the conditions set forth in Sections 6.1 and 6.3 as soon as reasonably possible to the extent that the satisfaction of the same is within the control of BCo;
- (p) BCo shall provide notice to KCo of the BCo Meeting and allow KCo's representatives to attend such meeting;
- (q) subject to compliance by KCo with Section 3.2(r), BCo will ensure that the BCo Information Circular provides BCo Securityholders with information in sufficient detail to permit them to form a reasoned judgment concerning the matters before them, and will set out the KCo Information in the BCo Information Circular in the form approved by KCo and shall include, without limitation; (i) any financial statements in respect of prior acquisitions made by it that are required to be included therein in accordance with Applicable Laws; (ii) the unanimous determination of the board of directors of BCo that the Arrangement is fair to BCo Securityholders, is in the best interests of BCo and BCo Securityholders, and include the unanimous recommendation of the board of directors of BCo that the BCo Securityholders vote in favour of the Arrangement Resolution; and (iii) the fairness opinion of BCo's financial advisor that the Arrangement is fair, from a financial point of view, to BCo Shareholders; provided that, notwithstanding the covenants of BCo in this subsection, prior to the completion of the Arrangement, the board of directors of BCo may withdraw, modify or change the recommendation regarding the Arrangement if, in the opinion of such board of directors acting reasonably, having received the advice of its outside legal counsel which is reflected in minutes

of the meeting of the board of directors, such withdrawal, modification or change is required to act in a manner consistent with the fiduciary duties of the board of directors of BCo and, if applicable, provided the board of directors shall have complied with the provisions of Sections 3.4 and 7.2;

- (r) BCo will assist KCo in the preparation of the KCo Information Circular and provide to KCo, in a timely and expeditious manner, all information as may be reasonably requested by KCo with respect to BCo for inclusion in the KCo Information Circular and any amendments or supplements thereto, in each case complying in all material respects with all applicable legal requirements on the date of issue thereof and to enable KCo to meet the standard referred to in Section 3.2(q) with respect to BCo, the Arrangement and the transactions to be considered at the KCo Meeting;
- (s) BCo shall indemnify and save harmless KCo and the directors, officers and agents of KCo from and against any and all liabilities, claims, demands, losses, costs, damages and expenses (excluding any loss of profits or consequential damages) to which KCo, or any director, officer or agent thereof, may be subject or which KCo, or any director, officer or agent thereof may suffer, whether under the provisions of any statute or otherwise, in any way caused by, or arising, directly or indirectly, from or in consequence of:
  - (i) any misrepresentation or alleged misrepresentation in the BCo Information Circular or in any material filed in compliance or intended compliance with any Applicable Laws;
  - (ii) any order made or any inquiry, investigation or proceeding by any securities commission or other competent authority based upon any untrue statement or omission or alleged untrue statement or omission of a material fact or any misrepresentation or any alleged misrepresentation in the BCo Information Circular or in any material filed by or on behalf of BCo in compliance or intended compliance with applicable securities laws, which prevents or restricts the trading in the BCo Shares; and
  - (iii) BCo not complying with any requirement of Applicable Laws in connection with the transactions contemplated in this Agreement;

except that BCo shall not be liable in any such case to the extent that any such liabilities, claims, demands, losses, costs, damages and expenses arise out of or are based upon any misrepresentation or alleged misrepresentation of a material fact based solely on the KCo Information included in the BCo Information Circular or the negligence of KCo;

- (t) except for proxies and other non-substantive communications with securityholders, BCo will furnish promptly to KCo or KCo's counsel, a copy of each notice, report, schedule or other document delivered, filed or received by BCo in connection with: (i) the Arrangement; (ii) the BCo Meeting; (iii) any filings under Applicable Laws; and (iv) any dealings with regulatory agencies in connection with the transactions contemplated hereby;
- (u) BCo shall solicit proxies to be voted at the BCo Meeting in favour of matters to be considered at the BCo Meeting, including the Arrangement Resolution;
- (v) BCo shall conduct the BCo Meeting in accordance with the by-laws of BCo and any instrument governing the BCo Meeting (including, without limitation, the Interim Order) as applicable, and as otherwise required by law;

- (w) BCo will make all necessary filings and applications under Canadian federal and provincial and U.S. laws and regulations required to be made on the part of BCo in connection with the transactions contemplated herein and shall take all reasonable action necessary to be in compliance with such laws and regulations;
- (x) in the event that dissent rights are given to BCo Securityholders under the terms of the Interim Order, BCo shall promptly advise KCo of the number of BCo Securities for which BCo receives notices of dissent or written objections to the Arrangement and provide KCo with copies of such notices and written objections;
- (y) prior to the Effective Date, BCo will cooperate with KCo in making application to list the KNewco Common Shares (including the KNewco Common Shares issuable pursuant to the KNewco Warrants and KNewco Incentive Plan) on the TSX; and
- (z) BCo shall take all necessary actions to give effect to the transactions contemplated by this Agreement and the Arrangement.

## 3.2 Covenants of KCo

From the date hereof until the Effective Date or termination of this Agreement, except with the prior written consent of BCo (such consent not to be unreasonably withheld), and except as otherwise expressly permitted or specifically contemplated by this Agreement:

- (a) KCo's business and the business of each of its subsidiaries shall be conducted only in the usual and ordinary course of business consistent with past practices (for greater certainty, where it is an operator of any property, it shall operate and maintain such property in a proper and prudent manner in accordance with good industry practice and the agreements governing the ownership and operation of such property) and KCo shall consult with BCo in respect of the ongoing business and affairs of KCo and its subsidiaries and keep BCo apprised of all material developments relating thereto;
- (b) other than the KCo Partnership Reorganization and Amalgamation, KCo shall not directly or indirectly do or permit to occur any of the following: (i) amend its constating documents; (ii) declare, set aside or pay any dividend or other distribution or payment (whether in cash, shares or property) in respect of its outstanding shares; (iii) issue (other than on exercise of currently outstanding KCo Options or KCo Warrants), grant, sell or pledge or agree to issue, grant, sell or pledge any shares of KCo, or securities convertible into or exchangeable or exercisable for, or otherwise evidencing a right to acquire, shares of KCo; (iv) redeem, purchase or otherwise acquire any of its outstanding shares or other securities, except as permitted hereunder; (v) split, combine or reclassify any of its shares; (vi) adopt a plan of liquidation or resolutions providing for the liquidation, dissolution, merger, consolidation or reorganization of KCo; or (vii) enter into or modify any contract, agreement, commitment or arrangement with respect to any of the foregoing;
- (c) other than is necessary to effect the KCo Partnership Reorganization and Amalgamation, KCo will not, and will not permit any of its subsidiaries to, directly or indirectly do any of the following other than pursuant to commitments entered into prior to the date of this Agreement and disclosed to BCo in writing or otherwise without the prior consent of BCo, such consent not to be unreasonably withheld: (i) sell, pledge, dispose of or encumber any assets except for production in the ordinary course of business, for a consideration in excess of \$100,000 individually or \$500,000 in the aggregate; (ii) expend or commit to expend amounts in respect of

capital or operating expenses in excess of \$250,000 individually or \$500,000 per month (on a cumulative basis) in the aggregate (excluding expenditures specified in KCo's current 2004 budget as disclosed to BCo and fourth quarter expenditures for seismic, land or assets intended for KNewco which for greater certainty, shall not be subject to the foregoing covenant set forth in this Section 3.2(c), and for which KNewco shall agree to reimburse the Trust under the KNewco Conveyance Agreement through the assumption of debt or otherwise (to the extent that such expenditures are in excess of \$7 million)); (iii) reorganize, amalgamate, merge or otherwise continue KCo or any of its subsidiaries with any other person, corporation, partnership or other business organization whatsoever; (iv) acquire (by merger, amalgamation, consolidation or acquisition of shares or assets) any corporation, partnership or other business organization or division thereof, or, except for investments in securities made in the ordinary course of business, make any investment either by purchase of shares or securities, contributions of capital (other than to subsidiaries), property transfer, or, except in the ordinary course of business, purchase of any property or assets of any other individual or entity, in each case having a value in excess of \$100,000 individually or \$250,000 in the aggregate (excluding purchases of seismic, land or assets intended for KNewco which for greater certainty, shall not be subject to the foregoing covenant set forth in this Section 3.2(c), and for which KNewco shall agree to reimburse the Trust under the KNewco Conveyance Agreement through the assumption of debt or otherwise); (v) incur any indebtedness for borrowed money or any other material liability or obligation or issue any debt securities or assume, guarantee, endorse or otherwise as an accommodation become responsible for, the obligation of any other individual or entity, or make any loans or advances, except in the ordinary course of business or otherwise in excess of \$100,000 individually or \$500,000 in the aggregate; (vi) pay, discharge or satisfy any material claims, liabilities or obligations other than disclosed in writing to BCo prior to the entering into of this Agreement or reflected or reserved against in the KCo Financial Statements or otherwise in the ordinary course of business; (vii) enter into any hedges, swaps or other financial instruments or like transactions; (viii) enter into any agreements for the sale of production having a term of more than thirty (30) days; (ix) enter into any consulting or contract operating agreement that cannot be terminated on thirty (30) days or less notice without penalty; or (x) authorize or propose any of the foregoing, or enter into or modify any contract, agreement, commitment or arrangement to do any of the foregoing;

- (d) neither KCo nor any of its subsidiaries shall adopt or amend or make any contribution to any bonus, profit sharing, option, pension, retirement, deferred compensation, insurance, incentive compensation, other compensation or other similar plan, agreement, trust, fund or arrangements for the benefit of employees, except as is necessary to comply with the law or with respect to existing provisions of any such plans, programs, arrangements or agreements;
- (e) each of its senior officers and directors have advised KCo that they intend to vote in favour of the Arrangement Resolution and KCo will use its reasonable commercial efforts to cause each of the directors and senior officers of KCo to vote in favour of the Arrangement Resolution;
- (f) KCo shall not, nor permit any of its subsidiaries to, grant any officer, director, employee or consultant an increase in compensation in any form or take any action with respect to the amendment or grant of any severance or termination pay policies or arrangements for any directors, officers, employees or consultants, nor adopt or amend (other than to permit accelerated vesting of options) or make any contribution to any bonus, profit-sharing, option, pension, retirement, deferred compensation, insurance, incentive compensation, other compensation or other similar plan from a trust fund or arrangement for the benefit of directors, officers, employees or consultants, except as is necessary to comply with the law or with respect to existing provisions of any such plans, programs, arrangements or agreements;

- (g) KCo shall use its reasonable commercial efforts to cause its current insurance (or re-insurance) policies not to be cancelled or terminated or any of the coverage thereunder to lapse, unless simultaneously with such termination, cancellation or lapse, replacement policies underwritten by insurance or re-insurance companies of nationally recognized standing providing coverage equal to or greater than the coverage under the cancelled, terminated or lapsed policies for substantially similar premiums are in full force and effect;
- (h) KCo will use its reasonable commercial efforts to enter into written agreements on or prior to November 15, 2004 with KCo Warrantholders holding not less than 66 2/3% of the issued and outstanding KCo Warrants, in form satisfactory to BCo and KCo, acting reasonably, pursuant to which such holders shall agree to exercise the KCo Warrants held by such holders after the KCo Meeting and prior to the Effective Date provided that, in each case, KCo shall not pay any amount in consideration therefor without the prior approval of BCo;
- (i) except to permit the early vesting of all KCo Options and KCo Warrants, and the exercise or surrender of KCo Options for a cash payment (subject to KCo withholding one half of such payment at the statutory rate) up to a maximum of \$16.8 million, no amendments shall be made to outstanding KCo Options or KCo Warrants without the prior written consent of BCo;
- (j) KCo shall not take any action that would render, or may reasonably be expected to render, any representation or warranty made by it in this Agreement untrue in any material respect at any time prior to completion of the Arrangement or termination of this Agreement, whichever first occurs;
- (k) KCo shall promptly notify BCo in writing of any material change (actual, anticipated, contemplated or, to the knowledge of KCo threatened, financial or otherwise) in its business, operations, affairs, assets, capitalization, financial condition, prospects, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of KCo or of any change in any representation or warranty provided by KCo in this Agreement which change is or may be of such a nature to render any representation or warranty misleading or untrue in any material respect and KCo shall in good faith discuss with BCo any change in circumstances (actual, anticipated, contemplated, or to the knowledge of KCo threatened) which is of such a nature that there may be a reasonable question as to whether notice need to be given to BCo pursuant to this provision;
- (l) KCo shall ensure that it has available funds under its lines of credit or other bank facilities to permit the payment of the amount which may be required by Section 7.1 having regard to its other liabilities and obligations, and shall take all such actions as may be necessary to ensure that it maintains such availability to ensure that it is able to pay such amount when required;
- (m) KCo shall use its reasonable commercial efforts to obtain KCo Lock-Up Agreements on or before November 15, 2004 from each of its senior officers and directors;
- (n) KCo shall use its reasonable commercial efforts to obtain the consent of its bankers and any other third party consents required for the transactions contemplated hereby and provide the same to BCo on or prior to the Effective Date;
- (o) KCo shall use its reasonable commercial efforts to satisfy or cause satisfaction of the conditions set forth in Sections 6.1 and 6.2 as soon as reasonably possible to the extent that the satisfaction of the same is within the control of KCo;
- (p) KCo shall provide notice to BCo of the KCo Meeting and allow BCo's representatives to attend such meeting;

- subject to compliance by BCo with Section 3.2(r), KCo will ensure that the KCo Information (q) Circular provides KCo Securityholders with information in sufficient detail to permit them to form a reasoned judgment concerning the matters before them, and will set out the BCo Information in the KCo Information Circular in the form approved by BCo and shall include, without limitation; (i) any financial statements in respect of prior acquisitions made by it that are required to be included therein in accordance with Applicable Laws; (ii) the unanimous determination of the board of directors of KCo that the Arrangement is fair to KCo Securityholders, is in the best interests of KCo and KCo Securityholders, and include the unanimous recommendation of the board of directors of KCo that the KCo Securityholders vote in favour of the Arrangement Resolution; and (iii) the fairness opinion of KCo's financial advisor that the Arrangement is fair, from a financial point of view, to KCo Shareholders; provided that, notwithstanding the covenants of KCo in this subsection, prior to the completion of the Arrangement, the board of directors of KCo may withdraw, modify or change the recommendation regarding the Arrangement if, in the opinion of such board of directors acting reasonably, having received the advice of its outside legal counsel which is reflected in minutes of the meeting of the board of directors, such withdrawal, modification or change is required to act in a manner consistent with the fiduciary duties of the board of directors of KCo and, if applicable, provided the board of directors shall have complied with the provisions of Sections 3.4 and 7.1,
- (r) KCo will assist BCo in the preparation of the BCo Information Circular and provide to BCo, in a timely and expeditious manner, all information as may be reasonably requested by BCo with respect to KCo for inclusion in the BCo Information Circular and any amendments or supplements thereto, in each case complying in all material respects with all applicable legal requirements on the date of issue thereof and to enable BCo to meet the standard referred to in Section 3.1(q) with respect to KCo, the Arrangement and the transactions to be considered at the BCo Meeting;
- (s) KCo shall indemnify and save harmless BCo and the directors, officers and agents of BCo from and against any and all liabilities, claims, demands, losses, costs, damages and expenses (excluding any loss of profits or consequential damages) to which BCo, or any director, officer or agent thereof, may be subject or which BCo, or any director, officer or agent thereof may suffer, whether under the provisions of any statute or otherwise, in any way caused by, or arising, directly or indirectly, from or in consequence of:
  - (i) any misrepresentation or alleged misrepresentation in the KCo Information Circular or in any material filed in compliance or intended compliance with any Applicable Laws;
  - (ii) any order made or any inquiry, investigation or proceeding by any securities commission or other competent authority based upon any untrue statement or omission or alleged untrue statement or omission of a material fact or any misrepresentation or any alleged misrepresentation in the KCo Information Circular or in any material filed by or on behalf of KCo in compliance or intended compliance with applicable securities laws, which prevents or restricts the trading in the KCo Shares; and
  - (iii) KCo not complying with any requirement of Applicable Laws in connection with the transactions contemplated in this Agreement;

except that KCo shall not be liable in any such case to the extent that any such liabilities, claims, demands, losses, costs, damages and expenses arise out of or are based upon any

- misrepresentation or alleged misrepresentation of a material fact based solely on the BCo Information included in the KCo Information Circular or the negligence of BCo;
- (t) except for proxies and other non-substantive communications with securityholders, KCo will furnish promptly to BCo or BCo's counsel, a copy of each notice, report, schedule or other document delivered, filed or received by KCo in connection with: (i) the Arrangement; (ii) the KCo Meeting; (iii) any filings under Applicable Laws; and (iv) any dealings with regulatory agencies in connection with the transactions contemplated hereby;
- (u) KCo shall solicit proxies to be voted at the KCo Meeting in favour of matters to be considered at the KCo Meeting, including the Arrangement Resolution;
- (v) KCo shall conduct the KCo Meeting in accordance with the by-laws of KCo and any instrument governing the KCo Meeting (including, without limitation, the Interim Order), as applicable, and as otherwise required by law;
- (w) KCo will make all necessary filings and applications under Canadian federal and provincial and U.S. laws and regulations required to be made on the part of KCo in connection with the transactions contemplated herein and shall take all reasonable action necessary to be in compliance with such laws and regulations;
- (x) in the event that dissent rights are given to KCo Securityholders under the terms of the Interim Order, KCo shall promptly advise BCo of the number of KCo Securities for which KCo receives notices of dissent or written objections to the Arrangement and provide BCo with copies of such notices and written objections;
- (y) prior to the Effective Date, KCo will cooperate with BCo in making application to list the Trust Units (including the Trust Units issuable pursuant to the Trust Warrants and Trust Incentive Plan and the BNewco Common Shares (including the BNewco Common Shares issuable pursuant to the BNewco Warrants and BNewco Incentive Plans) on the TSX;
- (z) KCo shall take all necessary actions to give effect to the transactions contemplated by this Agreement and the Arrangement; and
- (aa) KCo shall make expenditures to fulfill flow-through obligations so that its obligations at the Effective Time will be no more than \$4.5 million

#### 3.3 Mutual Covenants Regarding the Arrangement

From the date hereof until the Effective Date, each of BCo and KCo will use its reasonable commercial efforts to satisfy (or cause the satisfaction of) the conditions precedent to its obligations hereunder and to take, or cause to be taken, all other action and to do, or cause to be done, all other things necessary, proper or advisable under Applicable Laws to complete the Arrangement, including using reasonable efforts:

- (a) to obtain all necessary waivers, consents and approvals required to be obtained by it from other parties to loan agreements, leases and other contracts;
- (b) to, on or before November 15, 2004, agree to the list of Retained Employees and the maximum amount payable by each of BCo and KCo, respectively, in respect of severance obligations to those employees of BCo and KCo who will not be Retained Employees, and to, on or before the

- Effective Date, cause offers or confirmations of employment, as applicable, to be made to the Retained Employees;
- (c) to obtain all necessary consents, assignments, waivers and amendments to or terminations of any instruments and take such measures as may be appropriate to fulfill its obligations hereunder and to carry out the transactions contemplated hereby; and
- (d) to effect all necessary registrations and filings and submissions of information requested by governmental authorities required to be effected by it in connection with the Arrangement, and each of BCo and KCo will use its reasonable commercial efforts to cooperate with the other in connection with the performance by the other of their obligations under this Section 3.3 including, without limitation, continuing to provide reasonable access to information and to maintain ongoing communications as between officers of BCo and KCo, subject in all cases to the Confidentiality Agreement.

#### 3.4 Mutual Covenants Regarding Non-Solicitation

- (a) Each Party shall immediately cease and cause to be terminated all existing discussions and negotiations (including, without limitation, through any advisors or other parties on its behalf), if any, with any parties conducted before the date of this Agreement with respect to any Acquisition Proposal and shall immediately request the return or destruction of all information provided to any third parties who have entered into a confidentiality agreement with such party relating to an Acquisition Proposal and shall use all reasonable commercial efforts to ensure that such requests are honoured.
- (b) Neither Party shall, directly or indirectly, do or authorize or permit any of its officers, directors or employees or any financial advisor, expert or other representative retained by it to do, any of the following:
  - (i) solicit, facilitate, initiate or encourage any Acquisition Proposal;
  - (ii) enter into or participate in any discussions or negotiations regarding an Acquisition Proposal, or furnish to any other person any information with respect to their respective businesses, properties, operations, prospects or conditions (financial or otherwise) in connection with an Acquisition Proposal or otherwise cooperate in any way with, or assist or participate in, facilitate or encourage, any effort or attempt of any other person to do or seek to do any of the foregoing;
  - (iii) waive, or otherwise forbear in the enforcement of, or enter into or participate in any discussions, negotiations or agreements to waive or otherwise forbear in respect of, any rights or other benefits under confidential information agreements, including, without limitation, any "standstill provisions" thereunder; or
  - (iv) accept, recommend, approve or enter into an agreement to implement an Acquisition Proposal;

provided, however, that notwithstanding any other provision hereof, each Party and its officers, directors and advisers may:

(v) enter into or participate in any discussions or negotiations with a third party who (without any solicitation, initiation or encouragement, directly or indirectly, after the date of this

Agreement, by such party or any of its officers, directors or employees or any financial advisor, expert or other representative retained by it) seeks to initiate such discussions or negotiations and, subject to execution of a confidentiality agreement substantially similar to the Confidentiality Agreement (provided that such confidentiality agreement shall provide for disclosure thereof (along with all information provided thereunder) to the other Party as set out below), may furnish to such third party information concerning such Party and its business, properties and assets, in each case if, and only to the extent that:

- (A) the third party has first made a written bona fide Acquisition Proposal which the board of directors of such Party determines in good faith: (1) that funds or other consideration necessary for the Acquisition Proposal are or are likely to be available; (2) (after consultation with its financial advisor) would, if consummated in accordance with its terms, result in a transaction financially superior for securityholders of the Receiving Party than the transaction contemplated by this Agreement; and (3) after receiving the advice of outside counsel as reflected in minutes of the board of directors of such Party, that the taking of such action is necessary for the board of directors in discharge of its fiduciary duties under Applicable Laws (a "Superior Proposal"); and
- prior to furnishing such information to or entering into or participating in any (B) such discussions or negotiations with such third party, such Party provides prompt notice to the other Party to the effect that it is furnishing information to or entering into or participating in discussions or negotiations with such person or entity together with a copy of the confidentiality agreement referenced above and if not previously provided to the other Party, copies of all information provided to such third party concurrently with the provision of such information to such third party, and provided further that such Party shall notify the other Party orally and in writing of any inquiries, offers or proposals with respect to a Superior Proposal (which written notice shall include, without limitation, a copy of any such proposal (and any amendments or supplements thereto), the identity of the person making it, if not previously provided to the other Party, copies of all information provided to such party and all other information reasonably requested by the other Party), within 24 hours of the receipt thereof, shall keep the other Party informed of the status and details of any such inquiry, offer or proposal and answer the other Party's questions with respect thereto; or
- (vi) comply with Section 172 of the Securities Act (Alberta) and similar provisions under applicable Canadian securities laws relating to the provision of directors' circulars and make appropriate disclosure with respect thereto to its securityholders; and
- (vii) accept, recommend, approve or enter into an agreement to implement a Superior Proposal from a third party, but only if prior to such acceptance, recommendation, approval or implementation, its board of directors shall have concluded in good faith, after considering all proposals to adjust the terms and conditions of this Agreement and after receiving the advice of outside counsel as reflected in minutes of the board of directors of such Party, that the taking of such action is necessary for the board of directors in discharge of its fiduciary duties under Applicable Laws and such Party complies with its obligations set forth in Section 3.4(c) and terminates this Agreement in accordance with Section 9.1(e) or (f), as applicable, and concurrently therewith pays the amount required by Section 7.1 or 7.2, as applicable to the other Party.

- (c) Each Party in receipt of a Superior Proposal (a "Receiving Party") shall give the other Party, orally and in writing, at least two Business Days advance notice of any decision by its board of directors to accept, recommend, approve or enter into an agreement to implement a Superior Proposal, which notice shall identify the third party making the Superior Proposal and shall provide a true and complete copy thereof and any amendments thereto.
- (d) Each Party agrees that all information that may be provided to it by the other Party with respect to any Superior Proposal pursuant to this Section 3.4 shall be treated as if it were "Evaluation Material" as that term is defined in the Confidentiality Agreement and shall not be disclosed or used except in accordance with the provisions of the Confidentiality Agreement or in order to enforce its rights under this Agreement in legal proceedings.
- (e) Each Party shall ensure that its officers, directors and employees and any investment bankers or other advisers or representatives retained by it are aware of the provisions of this Section 3.4. BCo shall be responsible for any breach of this Section 3.4 by its officers, directors, employees, investment bankers, advisers or representatives, and KCo shall be responsible for any breach of this Section 3.4 by its officers, directors, employees, investment bankers, advisers or representatives.

#### 3.5 Mutual Standstill Provisions

Commencing on the date of execution of this Agreement and ending on the earlier of the Effective Date or the termination of this Agreement, other than pursuant to this Agreement, the Arrangement and the transactions contemplated hereby and thereby, each Party agrees that it will not, except in accordance with this Agreement or the Arrangement or with the prior approval in writing of the other Party, which approval may be given on such terms as the other Party may determine:

- (a) acquire or agree to acquire, or make any proposal or offer to acquire, in any manner, either directly or indirectly, any securities or properties of the other Party (provided that the provisions hereof shall not be interpreted to prohibit the Parties or their affiliates from continuing to conduct business with the other party in the ordinary course of business and consistent with past practice);
- (b) commence a take-over bid for any securities of the other Party;
- (c) solicit proxies from holders of securities of the other Party, otherwise attempt to influence the vote or conduct of the holders of the securities of the other Party, or otherwise act alone or in concert with others to seek to control or to influence the management, board of directors or policies of the other Party; or
- (d) engage in any discussion or negotiations or enter into any agreement, commitment or understanding or otherwise act in concert with any third party to propose or effect any business combination or other transaction of any nature or kind with respect to the other Party.

#### 3.6 Access to Information

Subject to the Confidentiality Agreement and applicable law, upon reasonable notice, each Party shall (and shall cause each of its subsidiaries to) afford the other Party's officers, employees, counsel, accountants and other authorized representatives and advisers access, during normal business hours from the date hereof and until the earlier of the Effective Date or the termination of this Agreement, to its properties, books, contracts and records as well as to its management personnel, and shall (and shall

cause each of its subsidiaries to) furnish promptly to the other Party all information concerning its business, properties and personnel as the other Party may reasonably request.

# ARTICLE 4 PRIVATE PLACEMENTS AND INCENTIVE PLANS

#### 4.1 BNewco

- (a) Subject to receipt of all necessary approvals, prior to the completion of the Arrangement, BNewco shall complete the BNewco Private Placement.
- (b) Subject to receipt of all necessary approvals, BNewco will adopt the BNewco Incentive Plans. The BNewco Incentive Plans shall provide for the granting of options and performance share units to the BNewco Service Providers, provided that the number of performance share units (which performance share units will be exercisable for a price of \$0.01 per unit and will be convertible into the percentage of a BNewco Common Share equal to the closing trading price of the BNewco Common Shares on the TSX on the trading day prior to such conversion less the net asset value of BNewco Common Shares calculated in connection with the BNewco Private Placement, if positive, divided by the closing trading price of the BNewco Common Shares on the TSX on the trading day prior to such conversion) reserved for issuance thereunder shall not exceed 6% of the BNewco Outstanding Shares, and grants of performance share units shall be subject to a three-year vesting schedule under which one-third of the number of share units granted will vest on each of the first, second and third anniversaries of such grant.

#### 4.2 KNewco

- (a) Subject to receipt of all necessary approvals, prior to the completion of the Arrangement, KNewco shall complete the KNewco Private Placement.
- (b) Subject to receipt of all necessary approvals, KNewco will adopt the KNewco Incentive Plan. The KNewco Incentive Plan shall provide for the granting of options to KNewco Service Providers.

#### 4.3 The Trust

- (a) Subject to receipt of all necessary approvals, prior to the completion of the Arrangement, the Trust shall complete the Trust Private Placement.
- (b) Subject to receipt of all necessary approvals, the Trust will adopt the Trust Incentive Plan.

# ARTICLE 5 REPRESENTATIONS AND WARRANTIES

#### 5.1 Representations and Warranties of BCo

BCo hereby makes the representations and warranties set forth in this Section 5.1 to and in favour of KCo and acknowledges that KCo is relying upon such representations and warranties in connection with the matters contemplated by this Agreement.

(a) Each of BCo and its subsidiaries is a corporation duly incorporated or amalgamated and validly subsisting under the laws of its jurisdiction of incorporation, amalgamation and has the requisite

corporate power and authority to carry on its business as it is now being conducted. BCo and each of its subsidiaries is duly registered to do business and is in good standing in each jurisdiction in which the character of its properties, owned or leased, or the nature of its activities make such registration necessary, except where the failure to be so registered or in good standing would not have a material adverse effect on BCo and its subsidiaries taken as a whole.

- (b) BCo has the requisite corporate power and authority to enter into this Agreement and to carry out its obligations hereunder. The execution and delivery of this Agreement and the consummation by BCo of the transactions contemplated hereby have been duly authorized by BCo's board of directors and, subject to obtaining shareholder approval, no other corporate proceedings on the part of BCo are or will be necessary to authorize this Agreement and the transactions contemplated hereby. This Agreement has been duly executed and delivered by BCo and constitutes a legal, valid and binding obligation of BCo enforceable against BCo in accordance with its terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and other laws relating to or affecting creditors' rights generally and to general principles of equity.
- (c) Neither the execution and delivery of this Agreement by BCo, the consummation by BCo or any of its subsidiaries of the transactions contemplated hereby nor compliance by BCo with any of the provisions hereof will: (i) violate, conflict with, or result in breach of any provision of, require any consent, approval or notice under, or constitute a default (or an event which, with notice or lapse of time or both, would constitute a default) or result in a right of termination or acceleration under, or result in a creation of any lien, security interest, charge or encumbrance upon any of the properties or assets of BCo or any of its subsidiaries under, any of the terms, conditions or provisions of (x) the articles or bylaws or other constating documents of BCo or any of its subsidiaries, or (y) any note, bond, mortgage, indenture, loan agreement, deed of trust, agreement, lien, contract or other instrument or obligation to which BCo is a party or to which it, or its properties or assets, may be subject or by which BCo or any of its subsidiaries is bound (subject to obtaining the consent of BCo's bankers and the consent of BCo's landlord under its office lease); or (ii) subject to compliance with Applicable Laws, violate any judgment, ruling, order, writ, injunction, determination, award, decree, statute, ordinance, rule or regulation applicable to BCo or any of its subsidiaries (except, in the case of each of clauses (i) and (ii) above, for such violations, conflicts, breaches, defaults, terminations which, or any consents, approvals or notices which if not given or received, would not have any material adverse effect on the business, operations or financial condition of BCo and its subsidiaries taken as a whole, or on the ability of BCo or any of its subsidiaries to consummate the transactions contemplated hereby); or (iii) cause a suspension or revocation of any authorization for the consent, approval or license currently in effect which would have a material adverse effect on the business, operations or financial condition of BCo and its subsidiaries taken as a whole.
- (d) Other than in connection with or in compliance with the provisions of Applicable Laws:
  - (i) there is no legal impediment to BCo's consummation of the transactions contemplated by this Agreement; and
  - (ii) no filing or registration with, or authorization, consent or approval of, any domestic or foreign public body or authority is necessary by BCo in connection with the consummation of the Arrangement, except for such filings or registrations which, if not made, or for such authorizations, consents or approvals, which, if not received, would not have any material adverse effect on the ability of BCo to consummate the transactions contemplated hereby.

- BCo has authorized an unlimited number of BCo Shares and an unlimited number of preferred (e) shares issuable in series of which, as at October 22, 2004, BCo has issued and outstanding: (i) 19,727,839 BCo Shares, and (ii) no preferred shares; and, in addition, as at October 22, 2004, BCo has issued and outstanding (iii) BCo Options entitling the holders thereof to acquire 1,750,600 BCo Shares, and (iv) BCo Warrants entitling the holders thereof to acquire no more than 329,167 BCo Shares. Except as aforesaid, there are no outstanding shares of BCo or options, warrants, rights or conversion or exchange privileges or other securities entitling anyone to acquire any shares of BCo or any other rights, agreements or commitments of any character whatsoever requiring the issuance, sale or transfer by BCo of any shares of BCo (including BCo Shares) or any securities convertible into, exchangeable or exercisable for, or otherwise evidencing a right to acquire, any shares of BCo. All outstanding BCo Shares have been duly authorized and validly issued, and are fully paid and non-assessable and are not subject to, nor have they been issued in violation of, any pre-emptive rights, and all BCo Shares issuable upon exercise or conversion of outstanding BCo Options and BCo Warrants in accordance with their respective terms, will be duly authorized and validly issued, fully paid and non-assessable and will not be subject to any pre-emptive rights.
- (f) Since the date of the BCo Financial Statements, except as disclosed in the Public Record:
  - (i) there has been no material adverse change, (or any condition, event or development involving a prospective change that could be materially adverse to BCo and its subsidiaries on a consolidated basis) in the business, affairs, operations, assets, capitalization, financial condition, prospect, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of BCo and its subsidiaries on a consolidated basis:
  - (ii) BCo and its subsidiaries has conducted its business only in the ordinary and normal course; and
  - (iii) no liability or obligation of any nature (whether absolute, accrued, contingent or otherwise) material to BCo or any of its subsidiaries has been incurred other than in the ordinary and normal course of business.
- (g) The data and information in respect of BCo and its assets, reserves, liabilities, business and operations provided by BCo or its advisors to KCo or its advisors was and is accurate and correct in all material respects as at the respective dates thereof and, in respect of any information provided or requested, did not knowingly omit any material data or information necessary to make any data or information provided not misleading as at the respective dates thereof. BCo has no knowledge of any material adverse change to the oil and gas reserves of BCo from that disclosed in such data and information.
- (h) The information and statements set forth in the Public Record as at the date hereof, as relates to BCo, are true, correct, and complete and did not contain any misrepresentation, as of the respective dates of such information or statements, and no material change has occurred in relation to BCo which is not disclosed in the Public Record, and BCo has not filed any confidential material change reports which continue to be confidential.
- (i) Except as disclosed in the Public Record or as otherwise disclosed in writing to KCo by BCo prior to the date hereof, there are no outstanding or threatened claims, suits, actions or proceedings against BCo which, if determined adversely to BCo, would have a material adverse

- effect on the assets, liabilities, business or operations of BCo, or on the ability of BCo to consummate the transactions contemplated hereby.
- (j) The BCo Financial Statements fairly present, in accordance with generally accepted accounting principles in Canada, consistently applied, the financial position and condition of BCo and its subsidiaries on a consolidated basis at the dates thereof and the results of the operations of BCo and its subsidiaries on a consolidated basis for the periods then ended and reflect all material assets, liabilities or obligations (absolute, accrued, contingent or otherwise) of BCo and its subsidiaries on a consolidated basis as at the dates thereof.
- (k) BCo has not received notice of any material violation of or investigation relating to any federal, provincial or local law, regulation or ordinance with respect to its assets, business or operations and BCo holds all permits, licenses and other authorizations which are required under federal, provincial or local laws relating to its assets, business or operations. The assets of BCo are operated and maintained by it are in compliance with all terms and conditions of such laws, permits, licenses and authorizations in all material respects.
- (1) No securities commission or similar regulatory authority, or stock exchange in Canada or the United States has issued any order which is currently outstanding preventing or suspending trading in any securities of BCo, no such proceeding is, to the knowledge of BCo, pending, contemplated or threatened and BCo is not, to its knowledge, in default of any requirement of any securities laws, rules or policies applicable to BCo or its securities.
- (m) Payments to directors, officers and employees of BCo prior to the Effective Date under all contract settlements, bonus plans, retention arrangements, change of control agreements and severance obligations (whether resulting from termination or alteration of duties) shall not exceed \$1.75 million.
- (n) BCo has not retained any financial advisor, broker, agent or finder, or paid or agreed to pay any financial advisor, broker, agent or finder on account of this Agreement or the Arrangement, any transaction contemplated hereby or any transaction presently ongoing or contemplated, except that Tristone Capital Inc. has been retained as BCo's financial advisors in connection with certain matters, including the transactions contemplated hereby. BCo has delivered to KCo true and current copies of all agreements between BCo and its financial advisor which could give rise to the payment of any fees to such financial advisor. BCo may only retain additional financial advisors with the consent of KCo;
- (o) The board of directors of BCo has unanimously endorsed the Arrangement and approved this Agreement, has unanimously determined that the Arrangement and this Agreement are in the best interests of BCo and the BCo Securityholders, and has, based on the opinion of its financial advisor, unanimously determined that the Arrangement is fair, from a financial point of view, to BCo Securityholders and has resolved to unanimously recommend approval of the Arrangement by BCo Securityholders.
- (p) BCo is not a party to and BCo will not implement, a shareholder rights plan or any other form of plan, agreement, contract or instrument that will trigger any rights to acquire BCo Shares or other securities of BCo or rights, entitlements or privileges in favour of any person upon the entering into of this Agreement or the Arrangement.

- (q) Other than 564,583 BCo Shares subject to an escrow agreement dated July 24, 2003 among BCo, Valiant Trust Company and various securityholders of BCo, none of the BCo Shares are the subject of any escrow, voting trust or other similar agreement.
- (r) BCo does not have any outstanding obligations to incur and/or renounce any Canadian exploration expenditures or Canadian development expenditures to any purchaser of the shares of BCo that have not yet been fully expended and renounced and reflected in the BCo Financial Statements, other than as disclosed in writing to KCo prior to the date hereof.
- (s) During the fiscal year ended December 31, 2003, BCo did not hold assets in the United States having an aggregate total value of US\$25 million or more and did not have aggregate sales in or into the United States of US\$25 million or more.
- (t) There is not (or are not):
  - (i) any order or directive from any regulatory authority which relates to environmental matters and which requires any material work, repairs, construction, or capital expenditures;
  - (ii) any demand or notice from any regulatory authority with respect to the material breach of any environmental, health or safety law applicable to BCo or its business undertakings, including, without limitation, any regulations respecting the use, storage, treatment, transportation, or disposition of environmental contaminants; or
  - (iii) any spills, releases, deposits or discharges of hazardous or toxic substances, contaminants or wastes, which have not been rectified, on any of the properties or assets owned or leased by BCo or in which it has an interest or over which it has control; except for any such spills, releases, deposits or discharges which, in aggregate, would not have a material adverse effect on the financial condition, business, operations, assets, affairs or prospects of BCo.
- (u) The only subsidiaries of BCo are the BSubsidiaries. BCo legally and beneficially owns all of the outstanding shares and other securities or interests of each of the BSubsidiaries and no person, firm, corporation or other entity holds any securities convertible or exchangeable into securities of such subsidiary or has any agreement, warrant, option, right or privilege (whether pre-emptive or contractual) being or capable of becoming an agreement for the purchase or issuance of any shares or other securities of such subsidiary.
- (v) The corporate records and minute books, books of account and other records of BCo and each of its subsidiaries have (whether of a financial or accounting nature or otherwise) been maintained in accordance with, in all material respects, all applicable statutory requirements and prudent business practice and are complete and accurate in all material respects.
- (w) BCo is a "reporting issuer" or equivalent in the provinces of British Columbia, Alberta and Ontario and the outstanding BCo Shares are listed and posted for trading on the TSX.
- (x) Valiant Trust Company, at its principal office in Calgary, Alberta and through its co-agent, Equity Transfer Services Inc., at its principal office in Toronto, Ontario is the duly appointed registrar and transfer agent of BCo with respect to the BCo Shares.

- (y) All Returns have been duly filed on a timely basis and all Taxes shown to be payable on the Returns or on subsequent assessments with respect thereto have been paid in full on a timely basis. Except for matters disclosed in the BCo Financial Statements or otherwise disclosed to KCo that may give rise to the filing of amended Returns, the filed Returns are true, complete and correct in all material respects, and no other Taxes are payable by BCo with respect to items or periods covered by such Returns.
- (z) Except with respect to matters disclosed to KCo prior to the date hereof, BCo has paid or provided adequate accruals in its financial statements for the year ended dated December 31, 2003 for Taxes, including income taxes and related future taxes, in conformity with generally accepted accounting principles applicable in Canada.
- (aa) No material deficiencies exist or have been asserted with respect to Taxes. Neither BCo nor any of its subsidiaries is a party to any action or proceeding for assessment or collection of Taxes, nor has such event been asserted or threatened against BCo or any of its subsidiaries or any of their respective assets. No waiver or extension of any statute of limitations is in effect with respect to Taxes or Returns. Except as disclosed to KCo prior to the date hereof, the Returns have never been audited by a government or taxing authority, nor is any such audit in process, pending or threatened which resulted in or could result in a reassessment of Taxes owing by BCo or any of its subsidiaries.
- (bb) No director, officer, insider or other non-arm's length party to BCo or any of its subsidiaries (or any associate or affiliate thereof) has any right, title or interest in (or the right to acquire any right, title or interest in) any royalty interest, carried interest, participation interest or any other interest whatsoever which are based on production from or in respect of any properties of BCo or any of its subsidiaries that will be effective after the Effective Date.
- (cc) Except as disclosed in the Public Record, no director, officer, insider or other non-arm's length party is indebted to BCo or any of its subsidiaries.
- (dd) Except for indemnity agreements with its directors and officers, and guarantees provided by BCo for BSubsidiaries neither BCo nor any of its subsidiaries is a party to or bound by any agreement, guarantee, indemnification, or endorsement or like commitment of the obligations, liabilities (contingent or otherwise) or indebtedness of any person, firm or corporation.
- (ee) The policies of insurance in force at the date hereof naming BCo as an insured and as disclosed to KCo prior to the date hereof to the knowledge of BCo, remain in force and effect and shall not be cancelled or otherwise terminated as a result of the transactions contemplated herein.
- (ff) BCo has provided to KCo copies of all management recommendation letters relating to BCo or any of its subsidiaries received from BCo's current auditor or any previous auditor during the two years prior to the date hereof.
- (gg) To the knowledge of BCo, BCo has not withheld from KCo any material information or documents concerning BCo or any of its subsidiaries or their respective assets or liabilities during the course of KCo's review of BCo and its assets. No representation or warranty contained herein and no statement contained in any schedule or other disclosure document provided or to be provided to KCo by BCo pursuant hereto contains or will contain an untrue statement of a material fact which is necessary to make the statements herein or therein not misleading.

### 5.2 Representations and Warranties of KCo

KCo hereby makes the representations and warranties set forth in this Section 5.2 to and in favour of BCo and acknowledges that BCo is relying upon such representations and warranties in connection with the matters contemplated by this Agreement.

- (a) Each of KCo and its subsidiaries is a corporation or partnership duly incorporated or amalgamated or, in the event of a partnership, formed, and validly subsisting under the laws of its jurisdiction of incorporation, amalgamation or formation, as applicable and has the requisite corporate or partnership power and authority to carry on its business as it is now being conducted. KCo and each of its subsidiaries is duly registered to do business and is in good standing in each jurisdiction in which the character of its properties, owned or leased, or the nature of its activities make such registration necessary, except where the failure to be so registered or in good standing would not have a material adverse effect on KCo and its subsidiaries taken as a whole.
- (b) KCo has the requisite corporate power and authority to enter into this Agreement and to carry out its obligations hereunder. The execution and delivery of this Agreement and the consummation by KCo of the transactions contemplated hereby have been duly authorized by KCo's board of directors and, subject to obtaining shareholder approval, no other corporate proceedings on the part of KCo are or will be necessary to authorize this Agreement and the transactions contemplated hereby. This Agreement has been duly executed and delivered by KCo and constitutes a legal, valid and binding obligation of KCo enforceable against KCo in accordance with its terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and other laws relating to or affecting creditors' rights generally and to general principles of equity.
- (c) Neither the execution and delivery of this Agreement by KCo, the consummation by KCo or any of its subsidiaries of the transactions contemplated hereby nor compliance by KCo with any of the provisions hereof will: (i) violate, conflict with, or result in breach of any provision of, require any consent, approval or notice under, or constitute a default (or an event which, with notice or lapse of time or both, would constitute a default) or result in a right of termination or acceleration under, or result in a creation of any lien, security interest, charge or encumbrance upon any of the properties or assets of KCo or any of its subsidiaries under, any of the terms, conditions or provisions of (x) the articles, bylaws or other constating documents of KCo or any of its subsidiaries, or (y) any note, bond, mortgage, indenture, loan agreement, deed of trust, agreement, lien, contract or other instrument or obligation to which KCo or any of its subsidiaries is a party or to which it, or its properties or assets, may be subject or by which KCo or any of its subsidiaries is bound (subject to obtaining the consent of KCo's bankers and the consent of KCo's landlord under its office lease); or (ii) subject to compliance with Applicable Laws, violate any judgment, ruling, order, writ, injunction, determination, award, decree, statute, ordinance, rule or regulation applicable to KCo or any of its subsidiaries (except, in the case of each of clauses and (ii) above, for such violations, conflicts, breaches, defaults, terminations which, or any consents, approvals or notices which if not given or received, would not have any material adverse effect on the business, operations or financial condition of KCo and its subsidiaries taken as a whole, or on the ability of KCo or any of its subsidiaries to consummate the transactions contemplated hereby); or (iii) cause a suspension or revocation of any authorization for the consent, approval or license currently in effect which would have a material adverse effect on the business, operations or financial condition of KCo and its subsidiaries taken as a whole.

- (d) Other than in connection with or in compliance with the provisions of Applicable Laws:
  - (i) there is no legal impediment to KCo's consummation of the transactions contemplated by this Agreement; and
  - (ii) no filing or registration with, or authorization, consent or approval of, any domestic or foreign public body or authority is necessary by KCo in connection with the consummation of the Arrangement, except for such filings or registrations which, if not made, or for such authorizations, consents or approvals, which, if not received, would not have any material adverse effect on the ability of KCo to consummate the transactions contemplated hereby.
- (e) KCo has authorized an unlimited number of KCo Shares of which, as at October 26, 2004, KCo has issued and outstanding 27,578,431 KCo Shares and, in addition, as at October 26, 2004 KCo has issued and outstanding (i) KCo Options entitling the holders thereof to acquire 2,278,450 KCo Shares, and (ii) KCO Warrants entitling the holders thereof to acquire 1,175,881 KCo Shares. Except as aforesaid, there are no outstanding shares of KCo or options, warrants, rights or conversion or exchange privileges or other securities entitling anyone to acquire any shares of KCo or any other rights, agreements or commitments of any character whatsoever requiring the issuance, sale or transfer by KCo of any shares of KCo (including KCo Shares) or any securities convertible into, exchangeable or exercisable for, or otherwise evidencing a right to acquire, any shares of KCo. All outstanding KCo Shares have been duly authorized and validly issued, and are fully paid and non-assessable and are not subject to, nor have they been issued in violation of, any pre-emptive rights, and all KCo Shares issuable upon exercise or conversion of outstanding KCo Options and KCO Warrants in accordance with their respective terms, will be duly authorized and validly issued, fully paid and non-assessable and will not be subject to any pre-emptive rights.
- (f) Since the date of the KCo Financial Statements, except as disclosed in the Public Record:
  - (i) there has been no material adverse change, (or any condition, event or development involving a prospective change that could be materially adverse to KCo and its subsidiaries on a consolidated basis) in the business, affairs, operations, assets, capitalization, financial condition, prospect, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of KCo and its subsidiaries on a consolidated basis:
  - (ii) KCo and its subsidiaries has conducted its business only in the ordinary and normal course; and
  - (iii) no liability or obligation of any nature (whether absolute, accrued, contingent or otherwise) material to KCo or any of its subsidiaries has been incurred other than in the ordinary and normal course of business.
- (g) The data and information in respect of KCo and its assets, reserves, liabilities, business and operations provided by KCo or its advisors to BCo or its advisors was and is accurate and correct in all material respects as at the respective dates thereof and, in respect of any information provided or requested, did not knowingly omit any material data or information necessary to make any data or information provided not misleading as at the respective dates thereof. KCo has no knowledge of any material adverse change to the oil and gas reserves of KCo from that disclosed in such data and information.

- (h) The information and statements set forth in the Public Record as at the date hereof, as relates to KCo, are true, correct, and complete and did not contain any misrepresentation, as of the respective dates of such information or statements, and no material change has occurred in relation to KCo which is not disclosed in the Public Record, and KCo has not filed any confidential material change reports which continue to be confidential.
- (i) Except as disclosed in the Public Record or as otherwise disclosed in writing to BCo by KCo prior to the date hereof, there are no outstanding or threatened claims, suits, actions or proceedings against KCo or any of its subsidiaries which, if determined adversely to KCo or any of its subsidiaries, would have a material adverse effect on the assets, liabilities, business or operations of KCo, or on the ability of KCo and its subsidiaries, taken as a whole, or any of its subsidiaries to consummate the transactions contemplated hereby.
- (j) The KCo Financial Statements fairly present, in accordance with generally accepted accounting principles in Canada, consistently applied, the financial position and condition of KCo and its subsidiaries on a consolidated basis at the dates thereof and the results of the operations of KCo and its subsidiaries on a consolidated basis for the periods then ended and reflect all material assets, liabilities or obligations (absolute, accrued, contingent or otherwise) of KCo and its subsidiaries on a consolidated basis as at the dates thereof.
- (k) Neither KCo nor any of its subsidiaries has received notice of any material violation of or investigation relating to any federal, provincial or local law, regulation or ordinance with respect to its assets, business or operations and KCo holds all permits, licenses and other authorizations which are required under federal, provincial or local laws relating to its assets, business or operations. The assets of KCo and each of its subsidiaries are operated and maintained by it are in compliance with all terms and conditions of such laws, permits, licenses and authorizations in all material respects.
- (1) No securities commission or similar regulatory authority, or stock exchange in Canada or the United States has issued any order which is currently outstanding preventing or suspending trading in any securities of KCo, no such proceeding is, to the knowledge of KCo, pending, contemplated or threatened and KCo is not, to its knowledge, in default of any requirement of any securities laws, rules or policies applicable to KCo or its securities.
- (m) Payments to directors, officers and employees of KCo prior to the Effective Date under all contract settlements, bonus plans, retention arrangements, change of control agreements and severance obligations (whether resulting from termination or alteration of duties) shall not exceed \$3.4 million;
- (n) KCo has not retained any financial advisor, broker, agent or finder, or paid or agreed to pay any financial advisor, broker, agent or finder on account of this Agreement or the Arrangement, any transaction contemplated hereby or any transaction presently ongoing or contemplated, except that National Bank Financial Inc. has been retained as KCo's financial advisors in connection with certain matters, including the transactions contemplated hereby. KCo has delivered to BCo true and current copies of all agreements between KCo and its financial adviser which could give rise to the payment of any fees to such financial adviser. KCo may only retain additional financial advisors with the consent of BCo;
- (o) The board of directors of KCo has unanimously endorsed the Arrangement and approved this Agreement, has unanimously determined that the Arrangement and this Agreement are in the best interests of KCo and the KCo Securityholders, and has, based on the opinion of its financial

- advisor, unanimously determined that the Arrangement is fair, from a financial point of view, to KCo Securityholders and has resolved to unanimously recommend approval of the Arrangement by KCo Securityholders.
- (p) KCo is not a party to and, prior to the Effective Date, KCo will not implement, a shareholder rights plan or any other form of plan, agreement, contract or instrument that will trigger any rights to acquire KCo Shares or other securities of KCo or rights, entitlements or privileges in favour of any person upon the entering into of this Agreement or the Arrangement.
- (q) None of the KCo Shares are the subject of any escrow, voting trust or other similar agreement.
- (r) KCo does not have any outstanding obligations to incur and/or renounce any Canadian exploration expenditures or Canadian development expenditures to any purchaser of the shares of KCo that have not yet been fully expended and renounced and reflected in the KCo Financial Statements, other than as disclosed in writing to BCo prior to the date hereof.
- (s) During the fiscal year ended December 31, 2003, KCo did not hold assets in the United States having an aggregate total value of US\$25 million or more and did not have aggregate sales in or into the United States of US\$25 million or more.
- (t) There is not (or are not):
  - (i) any order or directive from any regulatory authority which relates to environmental matters and which requires any material work, repairs, construction, or capital expenditures;
  - (ii) any demand or notice from any regulatory authority with respect to the material breach of any environmental, health or safety law applicable to KCo or any of its subsidiaries or any of their respective business undertakings, including, without limitation, any regulations respecting the use, storage, treatment, transportation, or disposition of environmental contaminants; or
  - (iii) any spills, releases, deposits or discharges of hazardous or toxic substances, contaminants or wastes, which have not been rectified, on any of the properties or assets owned or leased by KCo or its subsidiaries or in which it has an interest or over which it has control; except for any such spills, releases, deposits or discharges which, in aggregate, would not have a material adverse effect on the financial condition, business, operations, assets, affairs or prospects of KCo and its subsidiaries taken as a whole.
- (u) All of the partnership interests in KPartnership are held by KCo, directly or indirectly. The only subsidiaries of KCo are the KSubsidiaries and KPartnership. KCo legally and beneficially owns all of the outstanding shares and other securities or interests of each of the KSubsidiaries and no person, firm, corporation or other entity holds any securities convertible or exchangeable into securities of such subsidiary or has any agreement, warrant, option, right or privilege (whether pre-emptive or contractual) being or capable of becoming an agreement for the purchase or issuance of any shares or other securities of such subsidiary.
- (v) The corporate and partnership records and minutes books, books of account and other records of KCo and each of its subsidiaries have (whether of a financial or accounting nature or otherwise) been maintained in accordance with, in all material respects, all applicable statutory requirements and prudent business practice and are complete and accurate in all material respects.

- (w) KCo is a "reporting issuer" or equivalent in the provinces of British Columbia, Alberta, Saskatchewan, Manitoba, Ontario and Quebec and the outstanding KCo Shares are listed and posted for trading on the TSX.
- (x) Computershare Trust Company of Canada at its principal offices in the cities of Calgary and Toronto, is the duly appointed registrar and transfer agent of KCo with respect to the KCo Shares;
- (y) All Returns have been duly filed on a timely basis and such Returns are true, complete and correct in all material respects and all Taxes shown to be payable on the Returns or on subsequent assessments with respect thereto have been paid in full on a timely basis, and no other Taxes are payable by KCo or any of its subsidiaries with respect to items or periods covered by such Returns.
- (z) KCo has paid or provided adequate accruals in its financial statements for the year ended dated December 31, 2003 for Taxes, including income taxes and related future taxes, in conformity with generally accepted accounting principles applicable in Canada.
- (aa) No material deficiencies exist or have been asserted with respect to Taxes. Neither KCo nor any of its subsidiaries is a party to any action or proceeding for assessment or collection of Taxes, nor has such event been asserted or threatened against KCo or any of its subsidiaries or any of their respective assets. No waiver or extension of any statute of limitations is in effect with respect to Taxes or Returns. Except as disclosed to BCo prior to the date hereof, the Returns have never been audited by a government or taxing authority, nor is any such audit in process, pending or threatened which resulted in or could result in a reassessment of Taxes owing by KCo or any of its subsidiaries.
- (bb) No director, officer, insider or other non-arm's length party to KCo or any of its subsidiaries (or any associate or affiliate thereof) has any right, title or interest in (or the right to acquire any right, title or interest in) any royalty interest, carried interest, participation interest or any other interest whatsoever which are based on production from or in respect of any properties of KCo or any of its subsidiaries that will be effective after the Effective Date.
- (cc) Except as disclosed in the Public Record, no director, officer, insider or other non-arm's length party of KCo or any of its subsidiaries is indebted to KCo or any of its subsidiaries.
- (dd) Except for indemnity agreements with its directors and officers, neither KCo nor any of its subsidiaries is a party to or bound by any agreement, guarantee, indemnification, or endorsement or like commitment of the obligations, liabilities (contingent or otherwise) or indebtedness of any person, firm or corporation.
- (ee) The policies of insurance in force at the date hereof naming KCo as an insured and as disclosed to BCo prior to the date hereof to the knowledge of KCo, remain in force and effect and shall not be cancelled or otherwise terminated as a result of the transactions contemplated herein.
- (ff) KCo has provided to BCo copies of all management recommendation letters relating to KCo or any of its subsidiaries received from KCo's current auditor or any previous auditor during the two years prior to the date hereof.
- (gg) To the knowledge of KCo, KCo has not withheld from BCo any material information or documents concerning KCo or any of its subsidiaries or their respective assets or liabilities during the course of BCo's review of KCo and its assets. No representation or warranty contained herein

and no statement contained in any schedule or other disclosure document provided or to be provided to BCo by KCo pursuant hereto contains or will contain any untrue statement or a material fact which is necessary in order to make the statements herein or therein not misleading.

## 5.3 Privacy Issues.

- (a) For the purposes of this Section 5.3, the following definitions shall apply:
  - (i) "applicable law" means, in relation to any person, transaction or event, all applicable provisions of laws, statutes, rules, regulations, official directives and orders of and the terms of all judgements, orders and decrees issued by any authorized authority by which such person is bound or having application to the transaction or event in question, including applicable privacy laws.
  - (ii) "applicable privacy laws" means any and all applicable laws relating to privacy and the collection, use and disclosure of Personal Information in all applicable jurisdictions, including but not limited to the *Personal Information Protection and Electronic Documents Act* (Canada) and/or any comparable provincial law including the *Personal Information Protection Act* (Alberta).
  - (iii) "authorized authority" means, in relation to any person, transaction or event, any (a) federal, provincial, municipal or local governmental body (whether administrative, legislative, executive or otherwise), both domestic and foreign, (b) agency, authority, commission, instrumentality, regulatory body, court, central bank or other entity exercising executive, legislative, judicial, taxing, regulatory or administrative powers or functions of or pertaining to government, (c) court, arbitrator, commission or body exercising judicial, quasi-judicial, administrative or similar functions, and (d) other body or entity created under the authority of or otherwise subject to the jurisdiction of any of the foregoing, including any stock or other securities exchange, in each case having jurisdiction over such person, transaction or event.
  - (iv) "Personal Information" means information about an individual transferred to KCo by BCo in accordance with this Agreement and/or as a condition of the Transaction.
- (b) The Parties hereto acknowledge that they are responsible for compliance at all times with applicable privacy laws which govern the collection, use and disclosure of Personal Information acquired by or disclosed to either Party pursuant to or in connection with this Agreement (the "Disclosed Personal Information").
- (c) Neither Party shall use the Disclosed Personal Information for any purposes other than those related to the performance of this Agreement and the completion of the Arrangement.
- (d) Each Party acknowledges and confirms that the disclosure of Personal Information is necessary for the purposes of determining if the Parties shall proceed with the Arrangement, and that the disclosure of Personal Information relates solely to the carrying on of the business and the completion of the Arrangement.
- (e) Each Party acknowledges and confirms that it has and shall continue to employ appropriate technology and procedures in accordance with applicable law to prevent accidental loss or corruption of the Disclosed Personal Information, unauthorized input or access to the Disclosed Personal Information, or unauthorized or unlawful collection, storage, disclosure, recording,

- copying, alteration, removal, deletion, use or other processing of such Disclosed Personal Information.
- (f) Each Party shall at all times keep strictly confidential all Disclosed Personal Information provided to it, and shall instruct those employees or advisors responsible for processing such Disclosed Personal Information to protect the confidentiality of such information in a manner consistent with the Parties' obligations hereunder. Each Party shall ensure that access to the Disclosed Personal Information shall be restricted to those employees or advisors of the respective party who have a bona fide need to access to such information in order to complete the Arrangement.
- (g) Each Party shall promptly notify the other Party to this Agreement of all inquiries, complaints, requests for access, and claims of which the Party is made aware in connection with the Disclosed Personal Information. The Parties shall fully co-operate with one another, with the persons to whom the Personal Information relates, and any authorized authority charged with enforcement of applicable privacy laws, in responding to such inquiries, complaints, requests for access, and claims.
- (h) Upon the expiry or termination of this Agreement, or otherwise upon the reasonable request of either Party, the counterparty shall forthwith cease all use of the Personal Information acquired by the counterparty in connection with this Agreement and will return to the party or, at the Party's request, destroy in a secure manner, the Disclosed Personal Information (and any copies).

# ARTICLE 6 CONDITIONS PRECEDENT

#### 6.1 Mutual Conditions Precedent

The respective obligations of the Parties to consummate the transactions contemplated hereby, and in particular the Arrangement, are subject to the satisfaction, on or before the Effective Date or such other time specified, of the following conditions, any of which may be waived by the mutual consent of such Parties without prejudice to their right to rely on any other of such conditions:

- (a) on or prior to December 15, 2004, the Interim Order shall have been granted in form and substance satisfactory to each of BCo and KCo, acting reasonably, and such order shall not have been set aside or modified in a manner unacceptable to BCo and KCo, acting reasonably, on appeal or otherwise;
- (b) the Arrangement Resolution shall have been passed by the holders of KCo Securities, on or prior to January 31, 2005 in accordance with the Interim Order and in form and substance satisfactory to each of BCo and KCo, acting reasonably;
- the Arrangement Resolution shall have been passed by the holders of BCo Securities, on or prior to January 31, 2005 in accordance with the Interim Order and in form and substance satisfactory to each of BCo and KCo, acting reasonably;
- (d) in the event that dissent rights are given to KCo Securityholders under the terms of the Interim Order, holders of not greater than 5% of the outstanding KCo Securities shall have exercised rights of dissent in respect of the Arrangement that have not been withdrawn as of the Effective Date;

- (e) in the event that dissent rights are given to BCo Securityholders under the terms of the Interim Order, holders of not greater than 5% of the outstanding BCo Securities shall have exercised rights of dissent in respect of the Arrangement that have not been withdrawn as of the Effective Date;
- (f) on or prior to January 31, 2005, the Final Order shall have been granted in form and substance satisfactory to BCo and KCo, acting reasonably;
- (g) the Articles of Arrangement to be filed with the Registrar in accordance with the Arrangement shall be in form and substance satisfactory to each of BCo and KCo, acting reasonably;
- (h) the Arrangement shall have become effective on or prior to January 31, 2005;
- (i) BCo and BNewco shall have entered into the BNewco Conveyance Agreement pursuant to which the net debt assumed by BNewco thereunder on the Effective Date shall not exceed \$2 million plus any outstanding debt which was incurred for assets, land or seismic as provided in subsection 3.1(c) hereof;
- (j) KCo and KNewco shall have entered into the KNewco Conveyance Agreement pursuant to which the net debt assumed by KNewco thereunder on the Effective Date shall not exceed \$3 million plus any outstanding debt which was incurred for assets, land or seismic as provided in subsection 3.2(c) hereof;
- (k) BCo and KCo shall enter into written agreements effective as of the Effective Date satisfactory to each of BCo and KCo, acting reasonably, pursuant to which BCo and KCo, as the case may be, shall agree that, for a period of six years after the Effective Date, AmalgamationCo shall cause to be maintained in effect the current policies of directors' and officers' liability insurance maintained by each of BCo and KCo (provided that AmalgamationCo may substitute therefor policies of at least the same change coverage and amounts containing terms and conditions which are no less advantageous) providing coverage on a "trailing" or "run-off" basis for all present and former directors and officers of BCo and KCo with respect to claims arising from facts or events which occurred before the Effective Date;
- (l) AmalgamationCo shall enter into written agreements for the benefit of the Retained Employees to be employed by AmalgamationCo (or an affiliate thereof) effective as of the Effective Date and satisfactory to each of BCo and KCo, acting reasonably, pursuant to which it shall agree that where a Retained Employee is terminated by it (other than for cause) during the six month period following the Effective Date, it shall provide such person with a severance and termination package on terms and conditions which are no less favourable than those to be set forth on a schedule to each such agreement;
- (m) the relevant waiting period in section 123 of the Competition Act shall have expired and: (i) an advance ruling certificate ("ARC") pursuant to section 102 of the Competition Act shall have been issued by the Commissioner of the Competition Bureau ("Commissioner") appointed under the Competition Act; or (ii) a "no action letter" satisfactory to each of BCo and KCo, acting reasonably, indicating that the Commissioner has determined not to make an application for an order under section 92 of the Competition Act shall have been received from the Commissioner, and any terms and conditions attached to any such letter shall be acceptable to each of BCo and KCo, acting reasonably; and in addition, in the event that the ARC or "no action" letter described in (i) or (ii) in the foregoing is issued, there shall be no threatened or actual application by the Commissioner for an order under section 92 or 100 of the Competition Act;

- (n) in addition to the approval required by Section 6.1(m), all other required regulatory, governmental and third party approvals and consents in respect of the completion of the Arrangement shall have been obtained on terms and conditions, satisfactory to BCo and KCo, each acting reasonably, including, without limitation, conditional approval for listing of the Trust Units, the BNewco Common Shares and the KNewco Common Shares issuable pursuant to the Arrangement, the Trust Private Placement, the Trust Incentive Plan, the BNewco Warrants, the BNewco Incentive Plans, the KNewco Warrants and the KNewco Incentive Plan on the TSX and all applicable statutory and regulatory waiting periods shall have expired or have been terminated and no unresolved material objection or opposition shall have been filed, initiated or made during any applicable statutory regulatory period;
- (o) the Arrangement, and the consummation thereof, shall have been approved by BCo's lenders on a basis acceptable to BCo and KCo, each acting reasonably;
- (p) the Arrangement, and the consummation thereof, shall have been approved by KCo's lenders on a basis acceptable to BCo and KCo, each acting reasonably;
- each director and officer of AmalgamationCo, BNewco and KNewco shall enter into written agreements with AmalgamationCo, on behalf of the Trust, BNewco and KNewco, as the case may be, effective as of the Effective Date pursuant to which such person shall agree not to sell, transfer or otherwise dispose of Trust Units BNewco Common Shares or KNewco Common Shares issued to such person pursuant to the Arrangement other than Trust Units, BNewco Common Shares and KNewco Common Shares up to the greater of \$1.5 million of gross proceeds and 50% of the aggregate value of the individual holdings for a period of twelve months following the Effective Date;
- (r) there shall be no action taken under any existing applicable law or regulation, nor any statute, rule, regulation or order which is enacted, enforced, promulgated or issued by any court, department, commission, board, regulatory body, government or governmental authority or similar agency, domestic or foreign, that:
  - (i) makes illegal or otherwise directly or indirectly restrains, enjoins or prohibits the Arrangement or any other transactions contemplated herein; or
  - (ii) results in a judgment or assessment of material damages directly or indirectly relating to the transactions contemplated herein;
- (s) BCo and BNewco shall have entered into the BNewco Technical Services Agreement; and
- (t) KCo and KNewco shall have entered into the KNewco Contract Operating Services Agreement.

The foregoing conditions are for the mutual benefit of KCo and BCo and may be asserted by KCo and BCo regardless of the circumstances and may be waived by KCo and BCo (with respect to such Party) in their sole discretion, in whole or in part, at any time and from time to time without prejudice to any other rights which KCo or BCo may have.

#### 6.2 Additional Conditions to Obligations of BCo

The obligation of BCo to consummate the transactions contemplated hereby, and in particular the Arrangement, is subject to the satisfaction, on or before the Effective Date or such other time specified, of the following conditions:

- (a) KCo shall have mailed the KCo Information Circular and other documentation required in connection with the KCo Meeting on or before December 15, 2004;
- (b) each of the acts and undertakings of KCo to be performed on or before the Effective Date pursuant to the terms of this Agreement shall have been duly performed by KCo;
- (c) KCo shall have furnished BCo with:
  - (i) certified copies of the resolutions duly passed by the boards of directors of KCo approving this Agreement and the consummation of the transactions contemplated hereby; and
  - (ii) certified copies of the resolutions of KCo Securityholders, duly passed at the KCo Meeting, approving the Arrangement Resolution;
- (d) except as affected by the transactions contemplated by this Agreement, the representations and warranties of KCo contained in Section 5.2 shall be true in all material respects as at the Effective Date with the same effect as though such representations and warranties had been made at and as of such time and KCo shall have complied in all material respects with its covenants in this Agreement and BCo shall have received a certificate to that effect dated the Effective Date from the President of KCo and another senior officer thereof acceptable to BCo, acting reasonably, acting solely on behalf of KCo and not in their personal capacity, to the best of his information and belief having made reasonable inquiry and BCo will have no knowledge to the contrary;
- (e) any director, officer, insider or other non-arm's length party that is indebted to KCo shall have repaid such indebtedness on or prior to completion of the Arrangement; and
- there shall not have occurred any change after the date hereof or prior to the date hereof which has not been publicly disclosed prior to the date hereof or previously disclosed prior to the date hereof to BCo in writing (or any condition, event or development involving a prospective change) in the business, affairs, operations, assets, capitalization, financial condition, prospects, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of KCo and which, in the judgment of BCo, acting reasonably, is materially adverse to KCo other than: (i) a change directly resulting from an action taken by KCo to which BCo has consented to in writing; (ii) a change resulting from conditions affecting the oil and gas industry in western Canada including, without limitation, changes in commodity prices or taxes of any kind at any time; or (iii) the occurrence, development or coming into effect or existence of any event, action, state, condition, or major financial occurrence of national or international consequence or any law, regulation, action, government regulation, enquiry or other occurrence of any nature whatsoever which materially adversely affects or involves the financial markets in Canada or the United States generally or the financial condition, business, operations, assets, affairs or prospects of KCo.

The conditions in this Section 6.2 are for the exclusive benefit of BCo and may be asserted by BCo regardless of the circumstances or may be waived by BCo in its sole discretion, in whole or in part, at any time and from time to time without prejudice to any other rights which BCo may have.

## 6.3 Additional Conditions to Obligations of KCo

The obligation of KCo to consummate the transactions contemplated hereby, and in particular the Arrangement, is subject to the satisfaction, on or before the Effective Date or such other time specified, of the following conditions:

- (a) BCo shall have mailed the BCo Information Circular and other documentation required in connection with the BCo Meeting on or before December 15, 2004;
- (b) each of the acts and undertakings of BCo to be performed on or before the Effective Date pursuant to the terms of this Agreement shall have been duly performed by BCo;
- (c) BCo shall have furnished KCo with:
  - (i) certified copies of the resolutions duly passed by the board of directors of BCo approving this Agreement and the consummation of the transactions contemplated hereby; and
  - (ii) certified copies of the resolutions of BCo Securityholders, duly passed at the BCo Meeting, approving the Arrangement Resolution;
- (d) except as affected by the transactions contemplated by this Agreement, the representations and warranties of BCo contained in Section 5.1 shall be true in all material respects as at the Effective Date with the same effect as though such representations and warranties had been made at and as of such time and BCo shall have complied in all material respects with its covenants in this Agreement and KCo shall have received a certificate to that effect dated the Effective Date from the President of BCo and another senior officer thereof acceptable to KCo, acting reasonably, acting solely on behalf of BCo and not in their personal capacity, to the best of his information and belief having made reasonable inquiry and KCo will have no knowledge to the contrary;
- (e) any director, officer, insider or other non-arm's length party that is indebted to BCo shall have repaid such indebtedness on or prior to completion of the Arrangement; and
- there shall not have occurred any change after the date hereof or prior to the date hereof which has not been publicly disclosed prior to the date hereof or previously disclosed prior to the date hereof to KCo in writing (or any condition, event or development involving a prospective change) in the business, affairs, operations, assets, capitalization, financial condition, prospects, licenses, permits, rights, privileges or liabilities, whether contractual or otherwise, of BCo and which, in the judgment of KCo, acting reasonably, is materially adverse to BCo other than: (i) a change directly resulting from an action taken by BCo to which KCo has consented to in writing; (ii) a change resulting from conditions affecting the oil and gas industry in western Canada including, without limitation, changes in commodity prices or taxes of any kind at any time; or (iii) the occurrence, development or coming into effect or existence of any event, action, state, condition, or major financial occurrence of national or international consequence or any law, regulation, action, government regulation, enquiry or other occurrence of any nature whatsoever which materially adversely affects or involves the financial markets in Canada or the United States generally or the financial condition, business, operations, assets, affairs or prospects of BCo.

The conditions in this Section 6.3 are for the exclusive benefit of KCo and may be asserted by KCo regardless of the circumstances or may be waived by KCo in its sole discretion, in whole or in part, at any time and from time to time without prejudice to any other rights which KCo may have.

#### 6.4 Notice and Effect of Failure to Comply with Conditions

(a) Each of BCo and KCo shall give prompt notice to the other of the occurrence, or failure to occur, at any time from the date hereof to the Effective Date of any event or state of facts which occurrence or failure would, or would be likely to, (i) cause any of the representations or warranties of any Party contained herein to be untrue or inaccurate in any material respect, or (ii)

result in the failure to comply with or satisfy any covenant, condition or agreement to be complied with or satisfied by any party hereunder; provided, however, that no such notification will affect the representations or warranties of the Parties or the conditions to the obligations of the Parties hereunder.

(b) If any of the conditions precedents set forth in Sections 6.1, 6.2 or 6.3 hereof shall not be complied with or waived by the Party or Parties for whose benefit such conditions are provided on or before the date required for the performance thereof, then a Party for whose benefit the condition precedent is provided may, in addition to any other remedies they may have at law or equity, rescind and terminate this Agreement provided that prior to the filing of the Articles of Arrangement for the purpose of giving effect to the Arrangement, the Party intending to rely thereon has delivered a written notice to the other Party, specifying in reasonable detail all breaches of covenants, representations and warranties or other matters which the Party delivering such notice is asserting as the basis for the non-fulfillment of the applicable conditions precedent. More than one such notice may be delivered by a Party.

#### 6.5 Satisfaction of Conditions

The conditions set out in this Article 6 are conclusively deemed to have been satisfied, waived or released when, with the agreement of the Parties, Articles of Arrangement are filed under the ABCA to give effect to the Arrangement.

# ARTICLE 7 AGREEMENT AS TO DAMAGES AND OTHER ARRANGEMENTS

### 7.1 BCo Damages

If at any time after the execution of this Agreement:

- (a) the board of directors of KCo has withdrawn or changed any of its recommendations or determinations referred to in Section 3.2(q) and 5.2(o) in a manner adverse to BCo or shall have resolved to do so prior to the Effective Date;
- (b) a bona fide Acquisition Proposal is publicly announced, proposed, offered or made to the KCo Shareholders or to KCo and the KCo Shareholders do not approve the Arrangement or the Arrangement is not submitted for their approval;
- (c) KCo accepts, recommends, approves or enters into an agreement to implement a Superior Proposal; or
- (d) KCo breaches any of its representations, warranties or covenants made in this Agreement which breach individually or in the aggregate would have a material adverse effect on KCo or materially impede the completion of the Arrangement;

(each of the above being a "BCo Damages Event"), then in the event of the termination of this Agreement pursuant to Section 9.1, KCo shall pay to BCo \$7 million as liquidated damages in immediately available funds to an account designated by BCo within one business day after the first to occur of the events described above (other than Subsection 7.1(d) which shall be \$5 million), and after such event but prior to payment of such amount, KCo shall be deemed to hold such fund in trust for BCo. Notwithstanding the foregoing, in the event there are two BCo Damages Events, one of which is described in Subsection 7.1(d), KCo shall pay to BCo, in substitution to the payment described above, \$7

million as liquidated damages in the manner described above. KCo shall only be obligated to pay a maximum of \$7 million pursuant to this Section 7.1.

## 7.2 KCo Damages

If at any time after the execution of this Agreement:

- (a) the board of directors of BCo has withdrawn or changed any of its recommendations or determinations referred to in Section 3.1(q) and 5.1(o) in a manner adverse to KCo or shall have resolved to do so prior to the Effective Date;
- (b) a bona fide Acquisition Proposal is publicly announced, proposed, offered or made to the BCo Shareholders or to BCo and the BCo Shareholders do not approve the Arrangement or the Arrangement is not submitted for their approval;
- (c) BCo accepts, recommends, approves or enters into an agreement to implement a Superior Proposal; or
- (d) BCo breaches any of its representations, warranties or covenants made in this Agreement which breach individually or in the aggregate would have a material adverse effect on BCo or materially impede the completion of the Arrangement;

(each of the above being a "KCo Damages Event"), then in the event of the termination of this Agreement pursuant to Section 9.1, BCo shall pay to KCo \$5 million as liquidated damages in immediately available funds to an account designated by KCo within one business day after the first to occur of the events described above, and after such event but prior to payment of such amount, BCo shall be deemed to hold such fund in trust for KCo. BCo shall only be obligated to pay a maximum of \$5 million pursuant to this Section 7.2.

#### 7.3 Liquidated Damages

Each Party acknowledges that all of the payment amounts set out in this Article 7 are payments of liquidated damages which are a genuine pre-estimate of the damages which the Party entitled to such damages will suffer or incur as a result of the event giving rise to such damages and resultant termination of this Agreement and are not penalties. Each Party irrevocably waives any right it may have to raise as a defence that any such liquidated damages are excessive or punitive. For greater certainty, the Parties agree that, subject to Article 9, the payment of the amount pursuant to this Article 7 is the sole monetary remedy of the Party receiving such payment. Nothing herein shall preclude a Party from seeking injunctive relief to restrain any breach or threatened breach of the covenants or agreements set forth in this Agreement or the Confidentiality Agreement or otherwise to obtain specific performance of any of such act, covenants or agreements, without the necessity of posting bond or security in connection therewith.

# ARTICLE 8 AMENDMENT

#### 8.1 Amendment

This Agreement may at any time and from time to time before or after the holding of the KCo Meeting and the BCo Meeting be amended by written agreement of the Parties hereto without,

subject to applicable law, further notice to or authorization on the part of their respective securityholders and any such amendment may, without limitation:

- (a) change the time for performance of any of the obligations or acts of the Parties;
- (b) waive any inaccuracies or modify any representation or warranty contained herein or in any document delivered pursuant hereto;
- (c) waive compliance with or modify any of the covenants herein contained and waive or modify performance of any of the obligations of the Parties; or
- (d) waive compliance with or modify any other conditions precedent contained herein;

provided that no such amendment reduces or materially adversely affects the consideration to be received by a BCo Securityholder or a KCo Securityholder, as the case may be, without approval by the affected securityholders given in the same manner as required for the approval of the Arrangement or as may be ordered by the Court.

# ARTICLE 9 TERMINATION

#### 9.1 Termination

This Agreement may be terminated at any time prior to the Effective Date:

- (a) by mutual written consent of BCo and KCo;
- (b) as provided in Sections 6.1, 6.2 and 6.3;
- by BCo upon the occurrence of a BCo Damages Event as provided in Section 7.1 provided that in the event of a BCo Damages Event provided for in Section 7.1(a), this Agreement may not be terminated by BCo unless KCo Securityholders do not approve the Arrangement as required in the Interim Order or the Arrangement is not submitted for their approval;
- (d) by KCo upon the occurrence of a KCo Damages Event as provided in Section 7.2 provided that in the event of a KCo Damages Event provided for in Section 7.2(a), this Agreement may not be terminated by KCo unless the BCo Securityholders do not approve the Arrangement as required in the Interim Order or the Arrangement is not submitted for their approval;
- (e) by BCo upon the occurrence of a KCo Damages Event and the payment by BCo to KCo of the amount required by Section 7.2; and
- (f) by KCo upon the occurrence of a BCo Damages Event and the payment by KCo to BCo of the amount required by Section 7.1.

In the event of the termination of this Agreement in the circumstances set out in paragraphs (a) through (f) of this Section 9.1, this Agreement shall forthwith become void and neither Party shall have any liability or further obligation to the other Party hereunder except with respect to the obligations set forth in Article 7 which shall survive such termination.

### ARTICLE 10 NOTICES

#### 10.1 Notices

All notices which may or are required to be given pursuant to any provision of this Agreement are to be given or made in writing and served personally or sent by telecopy and in the case of:

(a) BCo, addressed to:

1240, 407 - 2nd Street S.W. Calgary, Alberta T2P 2V6

Attention:

Russell J. Tripp, President and CEO

Telecopier:

(403) 517-3711

with a copy to:

Bennett Jones LLP 4500 Bankers Hall East 855 - 2nd Street S.W. Calgary, Alberta T2P 4K7

Attention:

Noralee M. Bradley

Telecopier:

(403) 265-7219

(b) KCo, addressed to:

1100, 530 - 8th Avenue S.W. Calgary, Alberta T2P 3S9

Attention:

Grant B. Fagerheim, President and CEO

Telecopier:

(403) 213-3134

with a copy to:

Burnet, Duckworth & Palmer LLP 1400, 350 - 7th Avenue S.W. Calgary, Alberta T2P 3N9

Attention:

Grant A. Zawalsky

Telecopier:

(403) 260-0332

or such other address as the Parties may, from time to time, advise to the other Parties hereto by notice in writing. The date or time of receipt of any such notice will be deemed to be the date of delivery or the time such telecopy is received.

#### ARTICLE 11 GENERAL

## 11.1 Binding Effect

This Agreement shall be binding upon and enure to the benefit of the Parties hereto.

### 11.2 Assignment

No Party to this Agreement may assign any of its rights or obligations under this Agreement without prior written consent of the other Party.

#### 11.3 Disclosure

Each Party shall receive the prior consent, not to be unreasonably withheld, of the other Party prior to issuing or permitting any director, officer, employee or agent to issue, any press release or other written statement with respect to this Agreement or the transactions contemplated hereby. Notwithstanding the foregoing, if either Party is required by law or administrative regulation to make any disclosure relating to the transactions contemplated herein, such disclosure may be made, but that Party will consult with the other Party as to the wording of such disclosure prior to its being made.

#### 11.4 Costs

Except as contemplated herein (including Sections 7.1 and 7.2 hereof), each Party hereto covenants and agrees to bear its own costs and expenses in connection with the transactions contemplated hereby. BCo and KCo shall share equally any filing fees payable for applications made under the Competition Act in respect of the transactions contemplated by the Arrangement.

#### 11.5 Severability

If any one or more of the provisions or parts thereof contained in this Agreement should be or become invalid, illegal or unenforceable in any respect in any jurisdiction, the remaining provisions or parts thereof contained herein shall be and shall be conclusively deemed to be, as to such jurisdiction, severable therefrom and:

- (a) the validity, legality or enforceability of such remaining provisions or parts thereof shall not in any way be affected or impaired by the severance of the provisions or parts thereof severed; and
- (b) the invalidity, illegality or unenforceability of any provision or part thereof contained in this Agreement in any jurisdiction shall not affect or impair such provision or part thereof or any other provisions of this Agreement in any other jurisdiction.

#### 11.6 Further Assurances

Each Party hereto shall, from time to time and at all times hereafter, at the request of the other Party hereto, but without further consideration, do all such further acts, and execute and deliver all such further documents and instruments as may be reasonably required in order to fully perform and carry out the terms and intent hereof.

#### 11.7 Time of Essence

Time shall be of the essence of this Agreement.

G:\056952\0028\Arrangement Agreement Appendix.doc

## 11.8 Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the Province of Alberta and the Parties hereto irrevocably atom to the jurisdiction of the courts of the Province of Alberta.

## 11.9 Waiver

No waiver by any Party shall be effective unless in writing and any waiver shall affect only the matter, and the occurrence thereof, specifically identified and shall not extend to any other matter or occurrence.

## 11.10 Counterparts

This Agreement may be executed in counterparts, each of which shall be deemed an original, and all of which together constitute one and the same instrument.

IN WITNESS WHEREOF the Parties have executed this Agreement as of the date first above written.

#### BEAR CREEK ENERGY LTD.

By: (signed) "Russell J. Tripp"

By: (signed) "Martin A. Lambert"

#### KETCH RESOURCES LTD.

By: (signed) "Grant B. Fagerheim"

By: (signed) "Stephen C. Nikiforuk"

# SCHEDULE A

# PLAN OF ARRANGEMENT

Intentionally deleted

# SCHEDULE B

# **BNEWCO ASSETS**

Intentionally deleted

# SCHEDULE C

# KNEWCO ASSETS

Intentionally deleted

## **SCHEDULE D**

# TERMS OF BNEWCO TECHNICAL SERVICES AGREEMENT

# **Technical Services Agreement**

• From and after the Effective Date, AmalgamationCo shall provide technical services to BNewco on \$15,000 per month basis to be reviewed quarterly.

## SCHEDULE E

## TERMS OF KNEWCO CONTRACT OPERATING SERVICES AGREEMENT

## **Contract Operating Agreement**

• For a period beginning on the Effective Date and concluding on April 30, 2005, KNewco management and staff will provide contract project management to the Trust to assist where necessary, with the execution of the first quarter capital program, specifically but not limited to that associated with the Fontas property.

#### **SCHEDULE F**

#### TERMS OF BNEWCO PRIVATE PLACEMENT

- Private Placement: an aggregate of \$4 million from management of BNewco (excludes participants in the KNewco Private Placement), resulting in the issuance of 8,510,639 BNewco Common Shares with an issue price of NAV (\$0.47) and 7,142,858 warrants with an exercise price of 120% of NAV (\$0.56). The BNewco Common Shares will be subject to escrow periods: 1/3 out of escrow on each of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> anniversaries of the Effective Date. The warrants become exercisable as to 50% on the 2<sup>nd</sup> anniversary of the Effective Date and 50% on the 3<sup>rd</sup> anniversary of the Effective Date and each then expire one year after they become exercisable.
- Any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by BNewco shall lose all unvested warrants. Warrants held by exiting personnel will be available for reallocation to existing or new management or employees, as determined by the board of directors of BNewco at its discretion.
- For 18 months from Effective Date, BNewco shall have the right to purchase from any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by BNewco, all escrowed BNewco Common Shares at the price paid by the subscriber (\$0.47).
- All amounts referenced are on a pre-consolidated basis.

#### SCHEDULE G

#### TERMS OF KNEWCO PRIVATE PLACEMENT

- Private Placement: an aggregate of \$6 million from management of KNewco (excludes participants in the Trust Private Placement and BNewco Private Placement), resulting in the issuance of 5,769,231 KNewco Common Shares with an issue price of (\$1.04) and 4,800,000 warrants with an exercise price of 120% of NAV (\$1.25). The KNewco Common Shares will be subject to escrow periods: 1/3 out of escrow on each of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> anniversaries of the Effective Date. The warrants become exercisable as to 50% on the 2<sup>nd</sup> anniversary of the Effective Date and 50% on the 3<sup>rd</sup> anniversary of the Effective Date and each then expire one year after they become exercisable.
- Any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by KNewco shall lose all unvested warrants. Warrants held by exiting personnel will be available for reallocation to existing or new management or employees, as determined by the board of directors of KNewco at its discretion.
- For 18 months from the Effective Date, KNewco shall have the right to purchase from any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by KNewco, all escrowed KNewco Common Shares at the price paid by the subscriber (\$1.04).
- All amounts referenced are on a pre-consolidated basis.

#### **SCHEDULE H**

#### TERMS OF TRUST PRIVATE PLACEMENT

- Private Placement: an aggregate of \$2 million from management of the Trust, resulting in the issuance of 277,778 Trust Units with an issue price of NAV (\$7.20) and 277,778 warrants with an exercise price of 120% of NAV (\$8.64). The Trust Units will be subject to escrow periods: 1/3 out of escrow on each of the 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> anniversaries of the Effective Date. The warrants become exercisable as to 50% on the 1<sup>st</sup> anniversary of the Effective Date and 50% on the 2<sup>nd</sup> anniversary of the Effective Date and each then expire one year after they become exercisable.
- Additional Management Staff: Additional management staff identified and agreed to by KCo and BCo prior to the Effective Date may participate in an increased private placement up to a maximum additional amount of \$1.5 million on the same terms as above.
- Any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by AmalgamationCo shall lose all unvested warrants. Warrants held by exiting personnel will be available for reallocation to existing or new management or employees, as determined by the board of directors of AmalgamationCo at its discretion.
- For 18 months from Effective Date, AmalgamationCo shall have the right to purchase from any private placement subscriber who voluntarily ceases to be employed or is terminated with cause by AmalgamationCo, all escrowed Trust Units at the price paid by the subscriber (\$7.20).

#### BENNETT JONES

### RECEIVED

2005 JAN -5 P 12: 22 855 2nd Street SW Calgary Alberta

FFICE OF INTERMATION. CORPORATE FINANCE 4500 Bankers Hall East 855 2nd Street SW Calgary Alberta Canada T2P 4K7 7e/ 403.298.3100 Fax 403.265.7219 www.bennettjones.ca

Liv Atkinson
Direct Line: 403.298.3262
e-mail: atkinsonl@bennettjones.ca
Our File No.: 52157-9

June 1, 2004

#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

LLP

The Manitoba Securities Commission
Autorité des Marchés Financiers
Nova Scotia Securities Commission
Prince Edward Island Securities Office
Securities Commission of Newfoundland
Securities Commission of New Brunswick

(collectively, the "Jurisdictions")

Dear Sirs/Mesdames:

#### Re: Bear Creek Energy Ltd. - Addition as Recipient Agency

Please be advised that the Jurisdictions have been added as recipient agencies for this existing project on behalf of Bear Creek Energy Ltd. Should you require further information please contact me at (403) 298-3262.

Yours truly,

BENNETT JONES LLP SERVICES LIMITED PARTNERSHIP

"Liv Atkinson"

4500 Bankers Hall East 855 2nd Street SW Calgary Alberta Canada T2P 4K7 Tel 403.298.3100 Fax 403.265.7219 www.bennettjones.ca

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#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

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"Liv Atkinson"

#### BENNETT JONES

RECEIVED

2005 JAN -5 P 12: 2845 2nd Street SW

FICE OF INTERNATION 1/403.298.3100 CORPORATE FINANCE FOR 403.265.7219

www.bennettjones.ca

Liv Atkinson Direct Line: 403.298.3262 e-mail: atkinsonl@bennettjones.ca Our File No.: 52157-9

June 1, 2004

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June 1, 2004

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"Liv Atkinson"

#### BENNETT JONES

## RECEIVED

2005 JAN -5 P 12: 855-2nd Street SW

Calgary Alberta

'..Tel 403.298.3100

4500 Bankers Hall East

- FFICE OF INTERMATIC Canada T2P 4K7 CORPORATEFIMAL

Fax 403.265.7219 www.bennettjones.ca

Liv Atkinson Direct Line: 403.298.3262 e-mail; atkinsonl@bennettjones.ca Our File No.: 52157-9

June 1, 2004

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Saskatchewan Financial Services Commission

LLP

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Liv Atkinson
Direct Line: 403.298.3262
e-mail: atkinsonl@bennettjones.ea
Our File No.: 52157-9

June 1, 2004

#### **VIA SEDAR**

TO:

Saskatchewan Financial Services Commission

The Manitoba Securities Commission
Autorité des Marchés Financiers
Nova Scotia Securities Commission
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2005 JAN -5 P 12: 2

CORPORATE FINITALL

4500 Bankers Hall East 855 2nd Street SW Calgary Alberta Canada T2P 4K7 Tel 403.298.3100 Fax 403.265.7219 www.bennettjones.ca

Liv Atkinson
Direct Line: 403.298.3262
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Our File No.: 52157-9

June 1, 2004

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TO:

Saskatchewan Financial Services Commission

LLP

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June 1, 2004

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June 1, 2004

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Our File No.: 52157-9

June 1, 2004

#### VIA SEDAR

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Saskatchewan Financial Services Commission

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2005 JAN -5 P 12: 22

PRICE OF INTERMATIONAL CORPORATE FINANCE

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Liv Atkinson
Direct Line: 403.298.3262
e-mail: atkinsonl@bennettjones.ca
Our File No.: 52157-9

June 1, 2004

#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

The Manitoba Securities Commission
Autorité des Marchés Financiers
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Liv Atkinson

Direct Line: 403.298.3262 e-mail: atkinsonl@bennettjones.ca Our File No.: 52157-9

June 1, 2004

#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

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"Liv Atkinson"

#### BENNETT JONES

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RECEIVED

4500 Bankers Hall East 2005 JAW - 5 P 12: 2 855 2nd Street SW Calgary Alberta

FICE OF INTERHATION CORPORATE FINALLY

Calgary Alberta Canada T2P 4K7 Tel 403.298.3100

www.bennettjones.ca

Liv Atkinson
Direct Line: 403.298.3262
e-mail: atkinsonl@bennettjones.ca
Our File No.: 52157-9

June 1, 2004

#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

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Liv Atkinson
Direct Line: 403.298.3262
e-mail: atkinsonl@bennettjones.ca
Our File No.: 52157-9

May 25, 2004

#### VIA SEDAR

TO:

Saskatchewan Financial Services Commission

The Manitoba Securities Commission Autorité des Marchés Financiers Nova Scotia Securities Commission Prince Edward Island Securities Office Securities Commission of Newfoundland Securities Commission of New Brunswick

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Yours truly,

#### BENNETT JONES LLP SERVICES LIMITED PARTNERSHIP

"Liv Atkinson"

#### Form 42

## REPORT OF TAKE-OVER BID, ISSUER BID OR APPLICATION UNDER CLAUSE 104(2)(c) OF THE ACT (SUBSECTION 203.1(1) OF THE REGULATION)

1. Name and address of the offeree issuer:

Millennium Energy Inc. 2100, 144 – 4<sup>th</sup> Avenue SW Calgary, Alberta T2P 3N4

2. Name and address of the offeror:

Millennium Energy Inc. 2100, 144 – 4<sup>th</sup> Avenue SW Calgary, Alberta T2P 3N4

3. What is the designation of the class(es) of securities that are subject to the bid? (Include the CUSIP number)

Common Shares - CUSIP #: 599901 10 5

4. What is the date of the bid?

March 14, 2003 - March 13, 2004

5. What is the maximum number of securities sought by the offeror for each class of securities subject to the bid?

2,261,655 Common Shares

6. What is the value, expressed in Canadian dollars, of the consideration offered per security for each class of securities subject to the bid?

\$0.17 per Common Share

(Trading price is as at the closing on March 10, 2003, the last day traded before the date of this notice.)

7. What is the number of securities of each class subject to the bid, excluding the offeror's securities, that are held by security holders whose last address as shown on the books of the offeree issuer is in Ontario?

2,261,655 Common Shares

8. What is the fee payable in respect of the bid, as calculated under subsection 32(1) of Schedule 1?

$$A = 0.02\% \times \$0.17$$

$$B = 2,261,655$$

$$C = 1$$

$$A \times B \times C = (0.02\% \times \$0.17) \times (2,261,655) \times (1)$$

Fee = 
$$$76.90$$
; or

**\$800** (being \$1,000, reduced by 20%);

whichever is greater

9. The information given in this report is true and complete.

Dated: Effective March 14, 2003

#### MILLENNIUM ENERGY INC.

By: "Signed"

Steven Cloutier

Director and Executive Vice - President

#### REPORT UNDER SECTION 189.1.2 AND 189.1.3 OF THE REGULATIONS UNDER THE SECURITIES ACT (QUÉBEC)

1. Name and address of the offeree company:

Millennium Energy Inc. 2100, 144 - 4th Avenue SW Calgary, Alberta T2P 3N4

2. Name and address of the offeror:

Millennium Energy Inc. 2100, 144 - 4th Avenue SW Calgary, Alberta T2P 3N4

3. What is the designation of the class(es) of securities that are subject to the bid?

Common Shares

4. What is the date of the bid?

March 14, 2003 - March 13, 2004

5. What is the maximum number of securities of the class(es) subject to the bid which are sought by the offeror?

10% of the public float of the corporation (2,261,655 Common Shares).

6. What is the value, expressed in Canadian dollars, of the consideration offered per security for each class of securities subject to the bid?

\$0.17 per common share

(Trading price is as at the closing on March 10, 2003, the last day traded before the date of this notice.)

7. What is the fee payable in respect of the bid, as calculated under section 271.4(1) of the Regulation to the Securities Act (Québec)?

0.02% of 25% of (\$0.17 x 2,261,655) = \$19.22; or

\$1,000;

whichever is the greater

8. The information given in this report is true and complete.

Dated: Effective - March 14, 2003

#### MILLENNIUM ENERGY INC.

By: "Signed"

Steven Cloutier

Director and Executive Vice - President

## NOTICE OF INTENTION TO MAKE A NORMAL COURSE ISSUER BID

This is a notice of intention by Millennium Energy Inc. ("Millennium") to purchase by way of a Normal Course Issuer Bid through the facilities of the TSX (the "Exchange"), certain of the issued and outstanding common shares of Millennium ("Common Shares") as more particularly described herein.

#### 1. Name of Issuer

Millennium Energy Inc. Trading Symbol: "MLN"

#### 2. SEDAR Profile Number

4500

#### 3. Securities Sought

50.20 MF -5 P 12: 23

Millennium currently has issued and outstanding 24,491,959 Common Shares and a "public float" (within the meaning of the Exchange's policies) consisting of 22,616,554 Common Shares. Millennium will be entitled to purchase up to 10% of Millennium's public float being approximately 2,261,655 Common Shares during the term of the Normal Course Issuer Bid (the "Bid"). The term of the Bid will be for 12 months. Millennium will be permitted in any given 30 day period during the term of the Bid, to purchase up to but not more than 2% of its issued and outstanding Common Shares.

The Board of Directors have determined that up to 2,261,655 Common Shares should be purchased if available, under the terms hereof.

#### 4. Duration

The Bid referred to herein will commence on or about March 14, 2003 and will terminate on March 13, 2004 or on such earlier date upon which Millennium completes its entitlement of allowable purchases set forth herein.

#### 5. Method of Acquisition

The purchase of Common Shares pursuant to the Bid will be affected through the facilities of the Exchange in accordance with the Exchange Requirements. The price which Millennium will pay for any Common Shares so purchased will be the market price of the Common Shares at the time of acquisition. The purchase and payment for the Common Shares will be made by Millennium in accordance with the Exchange Requirements.

#### 6. Member and Broker

The Bid will be conducted through Canaccord Capital Corp., Abbottsford, B.C., telephone number (604) 557-1602. The individual broker will be Scott Astle.

#### 7. Consideration Offered

There will be no restrictions on the price that Millennium is prepared to pay for the Common Shares or on the Bid itself other than as set out herein. The consideration paid by Millennium for Common Shares shall not be higher than the last independent trade of a board lot of Common Shares on the Exchange.

#### 8. Reasons for the Normal Course Issuer Bid

The Board of Directors of Millennium believes that the current market price of its Common Shares does not adequately reflect their value in relation to Millennium's assets, business and future business prospects. As a result, depending upon future trading prices and other factors, Millennium believes that the acquisition of its outstanding Common Shares in connection with the Normal Course Issuer Bid may represent a desirable use of a portion of Millennium's available funds.

#### 9. Persons Acting Jointly or in Concert with the Issuer

N/A

#### 10. Valuation

Neither the Board of Directors or the officers of Millennium know of any appraisal or valuation of Millennium or its assets or securities that has been prepared within two years of the date of this Notice.

#### 11. Previous Purchases

Millennium has purchased 106,500 Common Shares by way of a normal course issuer bid through the facilities of the Exchange which commenced on February 26, 2002 and concluded on February 25, 2003. 106,500 Common Shares were purchased at an average price of \$0.15 per Common Share.

#### 12. Acceptance by Insiders, Affiliates and Associates

To the best of the knowledge of the Board of Directors of Millennium, no person or company who proposes to sell Common Shares of Millennium during the course of the Bid is also:

- (a) a director, senior officer or other Insider of Millennium;
- (b) an Associate of an Insider; or
- (c) an Associate or Affiliate of Millennium.

#### 13. Benefits from the Normal Course Issuer Bid

N/A

#### 14. Material Changes in the Affairs of the Issuer Company

There are no previously undisclosed Material Changes in the affairs of Millennium, including any contract or agreement under negotiation, any proposal to liquidate Millennium, to sell, lease or exchange all or a substantial part of its assets, to amalgamate with any other business organization, or to make any Material Changes in its business, corporate structure (debt or equity), management or personnel, or any other change which might reasonably be expected to have a significant effect on the price or value of the Common Shares.

#### Certificate and Undertaking

All the information in this Notice of Intention to make a Normal Course Issuer Bid together with other documents forming part hereof constitutes full, true and plain disclosure of Millennium's Bid and there is no further material information not herein disclosed.

Millennium hereby undertakes to advise of the purchases of the above noted securities.

The undersigned hereby certifies that this Normal Course Issuer Bid is in compliance with Policy 5.6 – Normal Course Issuer Bids.

"Signed"	March 6, 2003
Steven Cloutier	Date
President	

May 26, 2003

BC Securities Commission
Ontario Securities Commission

Alberta Securities Commission TSX Venture Exchange

Dear Sirs:

#### RE: Millennium Energy Inc.

On May 26, 2003 the following item(s) were sent by prepaid mail to all shareholders of the above-mentioned Company:

#### 1. 2002 Annual Report

However, we have not mailed material to Shareholders in cases where on three consecutive occasions, notices or other documents have been returned undelivered by the Post Office.

We are filing this disclosure document with you as Agent for the above-named Company in compliance with the regulations made under the Securities Act.

Yours truly,

CIBC MELLON TRUST COMPANY

"Signed"

Robert Inkster Associate Manager Client Relations (403) 232-2426 May 26, 2003

BC Securities Commission
Ontario Securities Commission

Alberta Securities Commission
TSX Venture Exchange

Dear Sirs:

#### RE: Millennium Energy Inc.

On May 26, 2003 the following item(s) were sent by prepaid mail to all shareholders of the above-mentioned Company:

#### 1. 2002 Annual Report

However, we have not mailed material to Shareholders in cases where on three consecutive occasions, notices or other documents have been returned undelivered by the Post Office.

We are filing this disclosure document with you as Agent for the above-named Company in compliance with the regulations made under the Securities Act.

Yours truly,

CIBC MELLON TRUST COMPANY

"Signed"

Robert Inkster Associate Manager Client Relations (403) 232-2426 May 29, 2003

BC Securities Commission
Ontario Securities Commission

Alberta Securities Commission TSX Venture Exchange

Dear Sirs:

#### RE: Millennium Energy Inc.

On May 29, 2003 the following item(s) were sent by prepaid mail to all registered shareholders of the above-mentioned Company:

1. Interim financial statements for the period ended March 31, 2003

However, we have not mailed material to Shareholders in cases where on three consecutive occasions, notices or other documents have been returned undelivered by the Post Office.

We are filing this disclosure document with you as Agent for the above-named Company in compliance with the regulations made under the Securities Act.

Yours truly,

CIBC MELLON TRUST COMPANY

"Signed"

Robert Inkster Associate Manager Client Relations (403) 232-2426

# SCHEDULE B TO FORM 51-901F PREPARED BY MILLENNIUM INC. FOR THE THREE MONTHS ENDED MARCH 31, 2003

1. Analysis of Expenses and Deferred Costs

N/A

2. Related party Transactions

The company paid APF Energy \$45,000 for management fees.

- 3. Summary of Securities Issued and Options Granted
  - (a) Securities Issued None
  - (b) Stock Options Issued None
- 4. Summary of Securities as at the end of the Reporting Period
  - (a) Authorized Share Capital
    Unlimited Class A voting shares
    Unlimited Class B, C, D and E preferred shares, issuable in series
  - (b) Issued and Outstanding

Class A shares 24,490,959 Share capital \$3,369,057

(c) Options Outstanding

Options 1,891,000 Exercise Price \$0.15 - \$0.25

Expiry Dates January 3, 2003 to November 18, 2007

#### 5. Directors and Officers

Martin Hislop Director, President and Chief Executive Officer

Steven Cloutier Director, Executive Vice President, COO and Secretary

Robert Burn Director
David Fischer Director
Neil Sedgwick Director

Bonnie Nicol Vice President Operations

Ken Pretty Vice President Corporate Development and Land

Alan MacDonald Vice President Finance

#### ~ Management's Discussion and Analysis ~

Management's discussion and analysis ("MD&A") should be read in conjunction with the unaudited interim financial statements for the three months ended March 31, 2003 and the audited financial statements and MD&A for the year ended December 3, 2002.

#### **PRODUCTION**

Daily production averaged 207 boe during the first quarter of 2003, comprised of 421 mcf of gas, 120 bbl of oil and 17 bbl of natural gas liquids. Overall production, as a result of a divestitures in 2002 and natural production declines, was approximately 15% lower than the 243 boe per day the Company averaged during the first quarter of 2002.

#### PRICES

The West Texas Intermediate ("WTI") oil price averaged US\$33.80 per bbl during the first quarter of 2003, 56% higher than the US\$21.67 per bbl realized during the first quarter of 2002. Millennium received an average price of \$45.24 per bbl for its oil in the first quarter of 2003, an increase of 65% from \$27.38 per bbl during the same period in 2002, reflecting the recent disposition of its heavier crude oil production at Hayter, which yielded a lower price than light quality crude.

Natural gas prices were significantly higher in the first quarter of 2003 compared to the same period in 2002. The average price received by Millennium during the first quarter was \$7.50 per mcf, an 88% increase from the average price of \$3.99 per mcf realized during the first quarter of 2002.

#### **REVENUE**

Revenue for the three months ended March 31, 2003 was \$0.889 million, compared to \$0.561 million for the same period in 2002, reflecting the significant increase in both crude oil and natural gas prices during the period.

#### **NETBACKS**

Operating netbacks increased 121% in the first quarter of 2003 to \$31.25 per boe from \$14.13 per boe in 2002 due to the significant increase in commodity prices during the period. Royalties for the first three months of 2003 were 18.0% of production revenues, compared to 16.0% for the same period in 2002. Operating costs increased 8% to \$7.99 per boe during the first quarter of 2003 from \$7.41 per boe during the same period of 2002.

#### **DEPLETION, DEPRECIATION AND AMORTIZATION**

Depletion, depreciation and amortization expense for the first quarter of 2003 totaled \$0.183 million (\$9.83 per boe), compared to \$0.200 million (\$9.15 per boe) for the first quarter of 2002.

#### **EARNINGS**

Net income for the first quarter was \$187,890 (\$Nil per share), compared to net income of \$6,878 (\$Nil per share) for the same period in 2002.

#### LIQUIDITY AND CAPITAL RESOURCES

At March 31, 2003, bank debt was \$0.55 million, compared to \$1.25 million at March 31, 2002.

All bank debt secured by demand loans that cannot be converted to a term facility have to be classified as a current

liability. Accordingly, the entire amount outstanding on the Company's demand credit facility has been classified as a current liability on the balance sheet.

#### **NORMAL COURSE ISSUER BID**

In March 2003, Millennium extended the normal course issuer bid that commenced in February 2000. Since the announcement of the Crossfield merger, the issuer bid has been discontinued.

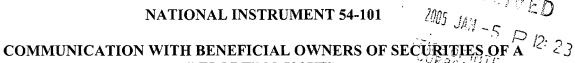




#### TO Shareholders of Millennium Energy Inc.:

to elect annually to have their interim financial statements of selective securityholder com	provides registered and beneficial securityholders with the opportunity name added to an issuer's supplemental mailing list in order to receive of the Issuer. If you are interested in receiving such statements or other munications please complete and return this form.
PLEASE RETURN TO:	
	MILLENNIUM ENERGY INC. c/o Valiant Trust Company 510, 550 – 6 <sup>th</sup> Avenue S.W. Calgary, Alberta T2P 0S2
NAME: (Please Print)	
ADDRESS:	
SIGNATURE:	DATE:

CUSIP Number: 599901105



## REPORTING ISSUER

Note: Terms used in this form have the meanings given to them in National Instrument 54-101. This Certificate is referenced in Section 2.20 of National Instrument 54-101.

#### **OFFICER'S CERTIFICATE**

I, Alan MacDonald, Vice-President, Finance of Millennium Energy Inc. ("Millennium"), hereby certify in such capacity (and not in my personal capacity) that:

- Millennium has arranged to have proxy-related materials for the special meeting of (a) security holders of Millennium to be held July 24, 2003 ("the Meeting") sent in compliance with National Instrument 54-101 to all beneficial owners of common shares, options and warrants of Millennium who held such securities as at June 20, 2003, at least 21 days before the date fixed for the Meeting;
- (b) Millennium has arranged to have carried out all the requirements of National Instrument 54-101 in addition to those described in paragraph (a) above, subject to abridging the times prescribed by subsections 2.2(1) and 2.5(1) of National Instrument 54-101.

Dated at Calgary, Alberta, this 23rd day of June, 2003

(Signed) "Alan MacDonald" Vice-President, Finance Millennium Energy Inc.



510, 550~6th Avenue S.W. Calgary, Alberta, Canada T2P 0S2 Telephone: 403.233.2801
Facsimile: 403.233.2857
Email: valiant@telusplanet.net

November 28, 2003

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

Mailing of Third Quarter Report to Registered Shareholders

As the mailing agent for Bear Creek Energy Ltd., we are pleased to confirm the mailing of the third quarter report for the period ended September 30, 2003, to each of the Registered Shareholders of the subject corporation on **November 28, 2003**.

We trust this is satisfactory.

Yours truly,

"Philip Menard"
Philip Menard
Director, Client Services

c.c. Bear Creek Energy Ltd.
Attn: Mr. Alan Steele

DECLA	RATIO	N AS TO	MAILING					
PROVIN OF ALBER		) ) )	IN THE MATTER OF INT SHAREHOLDERS OF <b>BE</b> ("CORPORATION").					
SOLEM	NLY DE		LIP MENARD, OF THE ( AS FOLLOWS:	CITY OF CAI	LGARY IN THE PROVINCE OF ALBERTA,	DO		
1.	I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.							
2.	ON <b>NOVEMBER 28, 2003</b> I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO <b>WERE THE REGISTERED HOLDERS OF COMMON SHARES OF THE CORPORATION</b> ;							
	(a)		of the THIRD QUARTER R EMBER 30, 2003 marked E					
THAT		FTHE	SAME FORCE AND EFFI		USLY BELIEVING IT TO BE TRUE AND KNOWI MADE UNDER OATH AND BY VIRTUE OF T			
CALGA	RY IN T	HE PRO	IE AT THE CITY OF OVINCE OF ALBERTA OVEMBER 2003.	) ) ) )				
		_"Pam I	Elliott"	,	"Philip Menard"			
	ISSIONE OVINCE		OATHS IN AND FOR BERTA		PHILIP MENARD			
My com	mission ex	pires on	November 15, 2006.					



510, 550~6th Avenue S.W. Calgary, Alberta, Canada T2P 0S2 Telephone: 403.233.2801
Facsimile: 403.233.2857
Email: valiant@telusplanet.net

May 14, 2004

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

Annual and Special Meeting of Shareholders To Be Held on June 11, 2004

To Be Held on June 11, 2004

In our capacity as the Agent for Bear Creek Energy Ltd., we are pleased to enclose herewith our Affidavit of Mailing with respect to the annual meeting material which was mailed to the shareholders of Aquest Energy Ltd., on May 14, 2004.

We trust this is satisfactory.

Yours truly,

"Philip Menard"
Philip Menard
Director, Client Services

c.c. Bear Creek Energy Ltd. Attn: Mr. Alan Steele

### DECLARATION AS TO MAILING

PROVINCE	)	IN THE MATTER OF BEAR CREEK ENERGY LTD. ("CORPORATION")
OF	)	THE ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS
ALBERTA	)	TO BE HELD ON JUNE 11, 2004.

I, PHILIP MENARD, OF THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA, DO SOLEMNLY DECLARE AS FOLLOWS:

- I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.
- 2. ON MAY 14, 2004, I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO ON APRIL 30, 2004, WERE THE REGISTERED HOLDERS OF COMMON SHARES OF THE CORPORATION, COPIES OF EXHIBITS "A" THROUGH "E" AND "G";
  - (a) a copy of the NOTICE OF ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS marked EXHIBIT "A" and identified by me;
  - (b) a copy of the INFORMATION CIRCULAR marked EXHIBIT "B" and identified by me;
  - (c) a copy of the INSTRUMENT OF PROXY marked EXHIBIT "C" and identified by me;
  - (d) a copy of the 2003 ANNUAL REPORT marked EXHIBIT "D" and identified by me;
  - (e) a copy of the FIRST QUARTER REPORT FOR THE PERIOD ENDED MARCH 31, 2004 marked EXHIBIT "E" and identified by me;
  - (f) a SUPPLEMENTAL MAIL LIST CARD marked EXHIBIT "F" and identified by me;
  - (g) a RETURN ENVELOPE marked EXHIBIT "G" and identified by me.
- 3. I FURTHER CONFIRM THAT COPIES OF EXHIBITS "A" THROUGH "D" AND "F" AS NOTED IN ITEM 2 ABOVE, WERE SENT BY COURIER ON MAY 14, 2004 TO EACH INTERMEDIARY HOLDING COMMON SHARES OF THE CORPORATION WHO RESPONDED TO THE SEARCH PROCEDURES PURSUANT TO CANADIAN SECURITIES ADMINISTRATORS' NATIONAL INSTRUMENT 54-101 REGARDING SHAREHOLDER COMMUNICATION.

AND I MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH AND BY VIRTUE OF THE CANADA EVIDENCE ACT.

DECLARED BEFORE ME AT THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA THIS 14TH DAY OF MAY 2004.

My commission expires on November 15, 2006.

"Pam Elliott"	"Philip Menard"
COMMISSIONER FOR OATHS IN AND FOR	PHILIP MENARD
THE PROVINCE OF ALBERTA	



510, 550~6th Avenue S.W. Calgary, Alberta, Canada T2P 0S2 Telephone: 403.233.2801
Facsimile: 403.233.2857
Email: valiant@telusplanet.net

May 14, 2004

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

**Annual and Special Meeting of Shareholders** 

To Be Held on June 11, 2004

In our capacity as the Agent for Bear Creek Energy Ltd., we are pleased to enclose herewith our Affidavit of Mailing with respect to the annual meeting material which was mailed to the shareholders of Aquest Energy Ltd., on May 14, 2004.

We trust this is satisfactory.

Yours truly,

"Philip Menard"
Philip Menard
Director, Client Services

c.c. Bear Creek Energy Ltd. Attn: Mr. Alan Steele

### DECLARATION AS TO MAILING

PROVINCE	)	IN	THE	MAT	rer	OF I	BEAR	CREEK	ENERG	Y L	TD.	( " C	ORPOR	(OITA	N"),
OF /	)	THE	: AN	NUAL	ANI	SPI	ECIAL	MEETI	ING OF	SH	AREH	OLD	ERS		
ALBERŤA	)	TO	BE	HELD	ON	JUNI	E 11,	2004.	ı						

- I, PHILIP MENARD, OF THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA, DO SOLEMNLY DECLARE AS FOLLOWS:
- 1. I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.
- ON MAY 14, 2004, I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO ON APRIL 30, 2004, WERE THE REGISTERED HOLDERS OF COMMON SHARES OF THE CORPORATION, COPIES OF EXHIBITS "A" THROUGH "E" AND "G";
  - (a) a copy of the NOTICE OF ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS marked EXHIBIT "A" and identified by me;
  - (b) a copy of the INFORMATION CIRCULAR marked EXHIBIT "B" and identified by me;
  - (c) a copy of the INSTRUMENT OF PROXY marked EXHIBIT "C" and identified by me;
  - (d) a copy of the 2003 ANNUAL REPORT marked EXHIBIT "D" and identified by me;
  - (e) a copy of the FIRST QUARTER REPORT FOR THE PERIOD ENDED MARCH 31, 2004 marked EXHIBIT "E" and identified by me;
  - (f) a SUPPLEMENTAL MAIL LIST CARD marked EXHIBIT "F" and identified by me;
  - (g) a RETURN ENVELOPE marked EXHIBIT "G" and identified by me.
- 3. I FURTHER CONFIRM THAT COPIES OF EXHIBITS "A" THROUGH "D" AND "F" AS NOTED IN ITEM 2 ABOVE, WERE SENT BY COURIER ON MAY 14, 2004 TO EACH INTERMEDIARY HOLDING COMMON SHARES OF THE CORPORATION WHO RESPONDED TO THE SEARCH PROCEDURES PURSUANT TO CANADIAN SECURITIES ADMINISTRATORS' NATIONAL INSTRUMENT 54-101 REGARDING SHAREHOLDER COMMUNICATION.

AND I MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH AND BY VIRTUE OF THE CANADA EVIDENCE ACT.

DECLARED BEFORE ME AT THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA THIS 14TH DAY OF MAY 2004.

My commission expires on November 15, 2006.

	"Pa	ım E	:lliott'	1			"Philip Menard"
COMM	MISSIONER	FOR	OATHS	IN	AND	FOR	PHILIP MENARD
THE	PROVINCE	OF	ALBERTA	A			



510, 550~6th Avenue S.W. Calgary, Alberta, Canada T2P 0S2 Telephone: 403.233.2801
Facsimile: 403.233.2857
Email: valiant@telusplanet.net

May 14, 2004

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

**Annual and Special Meeting of Shareholders** 

To Be Held on June 11, 2004

CORPORATE FINANCE

ATRIVIAL .

In our capacity as the Agent for Bear Creek Energy Ltd., we are pleased to enclose herewith our Affidavit of Mailing with respect to the annual meeting material which was mailed to the shareholders of Aquest Energy Ltd., on May 14, 2004.

We trust this is satisfactory.

Yours truly,

"Philip Menard"
Philip Menard
Director, Client Services

c.c. Bear Creek Energy Ltd. Attn: Mr. Alan Steele

### DECLARATION AS TO MAILING

PROVINCE	)	IN THE MATTER OF BEAR CREEK ENERGY LTD. ("CORPORATION")
OF	)	THE ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS

ALBERTA ) TO BE HELD ON JUNE 11, 2004.

- I, PHILIP MENARD, OF THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA, DO SOLEMNLY DECLARE AS FOLLOWS:
- 1. I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.
- 2. ON MAY 14, 2004, I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO ON APRIL 30, 2004, WERE THE REGISTERED HOLDERS OF COMMON SHARES OF THE CORPORATION, COPIES OF EXHIBITS "A" THROUGH "E" AND "G";
  - (a) a copy of the NOTICE OF ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS marked EXHIBIT "A" and identified by me;
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AND I MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH AND BY VIRTUE OF THE CANADA EVIDENCE ACT.

DECLARED BEFORE ME AT THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA THIS 14TH DAY OF MAY 2004.

My commission expires on November 15, 2006.

"Pā	am El	lliott'				"Philip Menard"
COMMISSIONER	FOR	OATHS	IN	AND	FOR	PHILIP MENARD
THE PROVINCE	OF A	ALBERT <i>i</i>	A			

## SUPPLEMENTARY INFORMATION

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\_Gilbert Laustsen Jung Associates Ltd.

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC01\_boe.htm

# Average 1st Year Company Oil Equivalent Value

			47	101 age 101 age	101		company on Equipment		•	) 1						
Company: Property:	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: nte:	Proved Producing SEC (2002-12-31) Constant January 01, 2003	2-31) Const 2003	tant			
			,					2003 Re	2003 Revenue and Expenses	xpenses		ļ	Aver	Average 2003 Value	lue	
Entity Description		Oil	Gas Mmcf	2003 Company Production  3as NGL Sulph Imef Mbbl Mlt	Sulphur Mlt	Boe	Field Revenue MS	Royalty Burdens MS	Operating Expenses M\$	Other Inc.&Exp. MS	Operating Income M\$	Field Revenue \$/Boe	Royalty Burdens \$/Boe	Operating Expenses \$/Boe	Other Inc.&Exp. \$/Boe	Operating Income \$/Boe
Total Corporate													· Constant date of the constant of the constan		Western Transfer of the Control of t	
Chauvin		3	0	0	0	3	130	27	37	0	65	38.59	8.00	11.11	-0.10	19.39
Condor Lower Mann	Condor Lower Mannville Natural Gas Unit No.	0	10	0	0	2	78	13	7	4-	99	38.62	91.9	3.22	-1.89	27.35
Craigend		0	6	0	0	7	54	10	13	3	34	34.92	6.37	8.12	1.68	22.11
Enchant		4	5	0	0	S	220	31	24	0	164	41.00	2.87	4.44	0.00	30.70
Glen Ewen		10	5	0	0	Ξ	909	101	31	-136	238	45.13	9.03	2.73	-12.12	21.25
Handsworth		7	0	0	0	7	311	31	27	∞-	245	41.96	4.20	3.68	-1.05	33.04
Liege		0	56	0	0	4	125	7	0	0	119	29.22	1.54	00.0	00.0	27.68
Medicine River Glau	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	9	-	2	0	2	41.98	6.24	18.02	-0.67	17.05
Medicine River Non-Unit	Unit	4	20	2	0	15	589	86	85	-15	391	39.84	6.63	5.72	-1.04	26.44
Medicine River Unit No. 4	t No. 4	0	0	0	0	0	14	2	2	0	6	41.32	7.03	98.9	-0.97	26.45
Medicine River Viking D Unit No. 2	ing D Unit No. 2	0	0	0	0	0	2	0	-	0	-	42.82	6.37	11.99	-0.99	23.47
Michichi		0	0	0	0	0	0	0	0	0	0	0.00	00.0	0.00	0.00	0.00
Weirhill		91	2	0	0	16	715	99	217	0	442	45.17	3.56	13.68	0.00	27.92
Westerose		0	29	4	0	15	516	137	19	.3	316	34.94	9.25	4.10	-0.21	21.38
Willesden Green Gla	Willesden Green Glauconitic A Unit No.1	-	-	٥	0	-	59	0	13	0	37	44.26	7.21	9.36	-0.35	27.34
Total Total Corporate	te	47	175	7	0	82	3325	524	518	-165	2119	40.33	6.35	6.28	-2.00	25.70
ARTC/AGCA Adjusmtent	imtent	0	0	0	0	0	0	0	0	2	\$	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	l. Adjustments	47	175	7	0	82	3325	524	518	-160	2124	40.33	6.35	6.28	-1.94	25.76
		BOE Factors:	actors:	OIL	00000	RES GAS	6.00000	PROPANE	1.00000	ETHANE	7.00000					
							•									

# Average 1st Year Company Oil Equivalent Value

Reserve Class:	Development Class:	Pricing:	
y Inc.			
Millennium Energy	Corporate		
Company:	Property:		

Company: Property:	Millennium Energy Inc. Corporate							- <b>-</b> -	Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: nte:	Total Proved Nonproducing SEC (2002-12-31) Constant January 01, 2003	1 1g 2-31) Const 2003	ant			
			!	,				2003 Re	2003 Revenue and Expenses	xpenses			Aver	Average 2003 Value	ne	
			2003 Cor	2003 Company Production	ction		Field	Royalty		Other	Operating	Field	Royalty			Operating
Entity Description		Mbbl	Gas	Mbbl	Sulphur Mlt	Mbbl	Kevenue MS	Burdens	Expenses	Inc.&Exp.	MS	%/Boe	S/Boe	S/Boe	S/Boe	S/Boe
Total Corporate													:	;		:
Chauvin		0	0	0	0	0	0	0	0	0 0	0	0.00	0.00	0.00	0.00	0.00
Condor Lower Mannyi	Condor Lower Mannville Natural Gas Unit No.	0 0	0 0	<b>-</b>	0	0	0	0 0	0 0	<b>-</b>	<b>o</b> 0	00.0	0.00	0.00	00.0	00:0
Craigena	•	000	> <	> <	> <	<b>&gt;</b>	<b>&gt;</b>	0	<b>-</b>		<b>-</b>	000	0.00	0.00	00.0	9.0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Handsworth		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Liege		0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Medicine River Non-Unit	nit	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Medicine River Unit No. 4	2.4	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00:0	0.00	0.00
Michichi		=	0	0	0	=	521	167	40	0	313	46.04	14.79	3.53	0.00	27.72
Weirhill		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Westerose		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0	0	0	0		0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total Total Corporate		11	0	0	0	11	521	167	40	0	313	46.04	14.79	3.53	0.00	27.72
ARTC/AGCA Adjusmtent	ent ———	0	0	0	0	0	0	0	0	32	32	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	djustments	11.	0	0	0	Ξ	521	167	40	32	346	46.04	14.79	3.53	2.87	30.59
		BOE Factors:		OIL 13	1.00000 R	RES GAS	6.00000 F	PROPANE	1.00000	ETHANE	1.00000					
				Q				BUTANE			0.0000.0					

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC13\_boe.htm

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC03\_boe.htm

# Average 1st Year Company Oil Equivalent Value

			1	0												
Company: Property:	Millennium Ènergy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ass: :nt Class: ?ate:	Proved Total SEC (2002-12-31) January 01, 2003	Proved Total SEC (2002-12-31) Constant January 01, 2003	tant			
								2003 R	2003 Revenue and Expenses	Expenses			Aver	Average 2003 Value	due	
			2003	2003 Company Production	duction		1	-				1				
Entity Description		Oil	Gas Mmcf	NGL Mbbl	Sulphur Mlt	Boe Mbbl	Field Revenue MS	Koyaliy Burdens M\$	Operating Expenses MS	Other Inc.&Exp. MS	Operating Income M\$	Field Revenue S/Boe	Koyalty Burdens S/Boe	Operating Expenses \$/Boe	Onner Inc.&Exp. \$/Boe	Operating Income \$/Boe
Total Corporate																
Chauvin		3	0	0	0	3	130	27	37	0	65	38.59	8.00	11.11	-0.10	19.39
Condor Lower Man	Condor Lower Mannville Natural Gas Unit No.	0	10	0	0	2	78	13	7	4	99	38.62	6.16	3.22	-1.89	27.35
Craigend		0	6	0	0	2	54	01	13	3	34	34.92	6.37	8.12	1.68	22.11
Enchant		4	5	0	0	5	220	31	24	0	164	41.00	5.87	4.44	0.00	30.70
Glen Ewen		01	5	0	0	Ξ	909	101	31	-136	238	45.13	9.03	2.73	-12.12	21.25
Handsworth		7	0	0	0	7	311	31	27	8-	245	41.96	4.20	3.68	-1.05	33.04
Liege		0	26	0	0	4	125	7	0	0	119	29.22	1.54	00.0	0.00	27.68
Medicine River Gla	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	9	-	2	0	2	41.98	6.24	18.02	-0.67	17.05
Medicine River Non-Unit	n-Unit	4	20	2	0	15	589	86	85	-15	391	39.84	6.63	5.72	-1.04	26.44
Medicine River Unit No. 4	it No. 4	0	0	0	0	0	1	2	2	0	6	41.32	7.03	98.9	-0.97	26.45
Medicine River Viking D Unit No. 2	ing D Unit No. 2	0	0	0	0	0	2	0	-	0	-	42.82	6.37	11.99	-0.99	23.47
Michichi		=	0	0	0	Ξ	521	167	40	0	313	46.04	14.79	3.53	00.0	27.72
Weirhill		16	2	0	0	91	715	26	217	0	442	45.17	3.56	13.68	0.00	27.92
Westerose		0	19	4	0	15	919	137	19	£-	316	34.94	9.25	4.10	-0.21	21.38
Willesden Green G	Willesden Green Glauconitic A Unit No.1	-	-	0	0	-	59	10	13	0	37	44.26	7.21	9:36	-0.35	27.34
Total Total Corporate	ate	58	175	7	0	94	3845	169	558	-165	2432	41.02	7.37	5.95	-1.76	25.94
ARTC/AGCA Adjusmtent	smtent	0	0	0	0	0	0	0	0	38	38	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	cl. Adjustments	58	175	7	0	8	3845	169	828	-127	2470	41.02	7.37	5.95	-1.36	26.34
		BOE Factors	actors:	OIL	000001	RES GAS	6.00000	PROPANE	1.00000	ETHANE	1.00000					
				COND	1.00000	SLN GAS	6.00000	BUTANE	1.00000	SULPHUR	0.00000					

# Average 1st Year Company Oil Equivalent Value

				1 282	1 1 (41			attrage 1st 1 car company on Equivalent tand		וומר						
Company: Mills Property: Corp	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: nte:	Probable Producing SEC (2002-12-31) Constant January 01, 2003	2-31) Const: 2003	ij			
			4	,	-			2003 Re	2003 Revenue and Expenses	xpenses			Avera	Average 2003 Value	ne	
	1		2003 Cor	2003 Company Production	uction		FI.C.	Describer	, in the second	-che	Oncomo	Eiold		) months	Other	, and
Entity Description		Oil Mbbl	Gas Mmcf	NGL	Sulphur Mit	Boe Mbbl	Revenue MS	Royalty Burdens MS	Operating Expenses M\$	Omer Inc.&Exp. M\$	Operating Income MS	Revenue \$/Boe	Royality Burdens S/Boe	Operating Expenses I. S/Boe	ć	Operating Income \$/Boe
Total Cornorate					v <sub>initial</sub>											
Chauvin		0	0	0	0	0	3	_	0	0	2	38.59	86.6	3.50	-0.27	24.84
Condor Lower Mannville Natural Gas Unit No.	atural Gas Unit No.	0	0	0	0	0	-	0	0	0	-	38.34	6.10	2.03	-1.87	28.34
Craigend		0	0	0	0	0	2	0	0	0	-	34.92	7.83	2.70	1.68	26.07
Enchant		0	0	0	0	0	2	-	0	0	2	41.00	19.6	1.97	0.00	29.36
Glen Ewen		0	0	0	0	0	18	4	_	9-	∞	45.13	9.03	1.61	-14.50	19.99
Handsworth		0	0	0	0	0	_	0	0	0		41.96	4.20	2.90	-1.05	33.81
Liege		0	-	0	0	0		0	0	0	3	29.22	1.54	0.00	0.00	27.68
Medicine River Glauconitic A Unit No. 4	A Unit No. 4	0	0	0	0	0	0	0	0	0	0	41.98	6.24	1.59	-0.92	33.24
Medicine River Non-Unit		0	-	0	0	0	01	2	0	0	∞	39.58	6.45	1.35	-1.02	30.76
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	41.32	8.62	4.83	-1.23	26.64
Medicine River Viking D Unit No. 2	iit No. 2	0	0	0	0	0	0	0	0	0	0	42.82	6.37	4.55	-1.65	30.26
Michichi		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Weirhill		-	0	0	0	_	56	2		0	23	45.53	4.05	1.62	0.00	39.86
Westerose		0		0	0	0	4	-	0	0	2	34.94	11.01	98.1	-0.13	21.95
Willesden Green Glauconitic A Unit No.1	c A Unit No.1	0	0	0	0	0	2	0	0	0	2	44.42	7.83	1.25	-0.58	34.77
Total Total Corporate		-	3	0	0	2	73	12	к	9	53	41.98	65.9	1.66	-3.49	30.23
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	ments		9	0	0	2	73	12	æ	9-	53	41.98	6.59	1.66	-3.39	30.33
		BOE Factors:	rs: OIL		1.00000 R	RES GAS	6.00000	PROPANE	1.00000	ETHANE	1.00000					
•			ŏ	COND 1.		SLN GAS	0000009	BUTANE	1.00000	SULPHUR	0.00000					

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p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC15\_boe.htm

# Average 1st Year Company Oil Equivalent Value

				•		1										
Company: Property:	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: ate:	Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	ng 2-31) Const 2003	ant			
								2003 Re	2003 Revenue and Expenses	sasuadx			Aver	Average 2003 Value	lue	
			2003 C	2003 Company Production	duction		Field	Royalty	Operating	Other	Operating	Field	Royalty		ĺ	Operating
Entity Description		Mbbl	Gas	NGL	Sulphur Mlt	Boe	Revenue	Burdens M\$	Expenses	Inc.&Exp. MS	Income	Revenue \$/Boe	Burdens S/Boe	Expenses \$/Boe	Inc.&Exp.	Income S/Boe
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Condor Lower Manny	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Craigend		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Enchant		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Handsworth		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Liege		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Medicine River Glauconitic A Unit No. 4	conitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Medicine River Non-Unit	Unit	0	4	0	0	-	35	91	м	0	91	38.27	17.69	3.33	0.00	17.25
Medicine River Unit No. 4	Vo. 4	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Medicine River Viking D Unit No. 2	e D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Michichi	,	3	0	0	0	3	128	54	9	0	89	46.04	19.25	2.25	0.00	24.54
Weirhill		4	0	0	0	4	201	7	14	0	180	45.63	1.51	3.23	0.00	40.88
Westerose		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Willesden Green Glauconitic A Unit No. 1	uconitic A Unit No.1	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Total Total Corporate		7	4	0	0	8	364	76	24	0	264	44.93	9.43	2.91	0.00	32.59
ARTC/AGCA Adjusmtent	itent	0	0	0	0	0	0	0	0	=	=	0.00	0.00	0.00	00.00	0.00
Total Corporate Incl. Adjustments	Adjustments	7	4	0	0	∞	364	9/	24	=	275	44.93	9.43	2.91	1.37	33.96
		BOE Factors:	ctors:	OIL	00000	RES GAS	000009	PROPANE	1.00000	ETHANE SULPHUR	0.00000					

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC06\_boe.htm

# Average 1st Year Company Oil Equivalent Value

			D		•		4								
Company: Millennium Energy Inc. Property: Corporate								Reserve Class: Development Class: Pricing: Effective Date:	lass: ent Class: )ate:	Probable Total SEC (2002-12-31) January 01, 2003	Probable Total SEC (2002-12-31) Constant January 01, 2003	itant			
	4						2003 R	2003 Revenue and Expenses	Expenses			Aver	Average 2003 Value	lue	
		2003	2003 Company Production	oduction			۔ ا				1				
Entity Description	Oil Mbbl	Gas Mmcf	NGL Mbbl	Sulphur Mlt	Boe Mbbl	Field Revenue MS	Koyalty Burdens MS	Operating Expenses MS	Inc.&Exp.	Operating Income MS	Field Revenue \$/Boe	Koyality Burdens \$/Boe	Operating Expenses \$/Boe	Other Inc.&Exp. \$/Boe	Operating Income \$/Boe
Total Cornorate						Notes de la constitución de la c			44						
Chauvin	0	0	0	0	0	3	_	0	0	2	38.59	86.6	3.50	-0.27	24.84
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	-	0	0	0	-	38.34	6.10	2.03	-1.87	28.34
Craigend	0	0	0	0	0	2	0	0	0	_	34.92	7.83	2.70	1.68	26.07
Enchant	0	0	0	0	0	2	-	0	0	2	41.00	6.67	1.97	00.0	29.36
Glen Ewen	0	0	0	0	0	18	4	1	9	∞	45.13	9.03	19.1	-14.50	19.99
Handsworth	0	0	0	0	0	1	0	0	0	-	41.96	4.20	2.90	-1.05	33.81
Liege	0	-	0	0	0	(C)	0	0	0	3	29.22	1.54	00.0	0.00	27.68
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	41.98	6.24	1.59	-0.92	33.24
Medicine River Non-Unit	0	5	0	0		46	81	3	0	24	38.56	15.21	2.89	-0.23	20.23
Medicine River Unit No. 4	0	0	0	0	0	0	0	0	0	0	41.32	8.62	4.83	-1.23	26.64
Medicine River Viking D Unit No. 2	0	0	0	0	0		0	0	0	0	42.82	6.37	4.55	-1.65	30.26
Michichi	3	0	0	0	33		54	9	0	89	46.04	19.25	2.25	0.00	24.54
Weirhill	\$	0	0	0	5	227	6	15	0	203	45.62	1.81	3.05	0.00	40.76
Westerose	0	_	0	0	0		-	0	0	2	34.94	10.11	1.86	-0.13	21.95
Willesden Green Glauconitic A Unit No.1	0	0	0	0	0	2	0	0	0	2	44.42	7.83	1.25	-0.58	34.77
Total Total Corporate	8	7	0	0	10	438	88	26	9-	317	44.41	8.93	2.69	-0.62	32.18
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	1	=	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	∞	7	0	0	10	438	88	26	\$	328	44.41	8.93	2.69	0.52	33.32
	BOEF	BOE Factors:	OIL	1.00000	RES GAS	6.00000	PROPANE	000001	ETHANE	1.00000					
			COND	1.00000	SLN GAS	00000'9	BUTANE	1.00000	SULPHUR	0.00000					

# Average 1st Year Company Oil Equivalent Value

Company: Property: C	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	Class:	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	Probable 2-31) Const 2003	ant			
			,	,				2003 Rev	2003 Revenue and Expenses	cpenses			Aver	Average 2003 Value	ne	
			2003 Co	2003 Company Production	luction		Eivid	,	Oncerting	o.	Oneroting	5,512		Oncomplian	Othor	Oncenting
Entity Description		Oil	Gas	NGL Mbbi	Sulphur Mlt	Boe Mbbl	Revenue MS	Burdens MS	Expenses 1	Inc.&Exp.	Income MS	Revenue \$/Boe	Burdens S/Boe		أية	Income S/Boe
Total Corporate				•												
Chauvin		3	0	0	0	3	133	28	38	0	19	38.59	8.05	10.92	-0.10	19.52
Condor Lower Mannville Natural Gas Unit No.	le Natural Gas Unit No.	0	10	0	0	2	80	13	7	4	57	38.62	6.16	3.20	-1.89	27.37
Craigend		0	10	0	0	2	99	10	13	3	35	34.92	6.41	7.97	1.68	22.22
Enchant		4	5	0	0	5	222	32	24	0	991	41.00	5.91	4.41	0.00	30.68
Glen Ewen		11	5	0	0	12	524	105	31	-142	246	45.13	9.03	5.69	-12.21	21.21
Handsworth		7	0	0	0	7	312	31	27	œ <sub></sub>	246	41.96	4.20	3.68	-1.05	33.04
Liege		0	26	0	0	4	128	7	0	0	121	29.22	1.54	00.0	0.00	27.68
Medicine River Glauconitic A Unit No. 4	titic A Unit No. 4	0	0	0	0	0	9	-	2	0	2	41.98	6.24	17.65	-0.67	17.42
Medicine River Non-Unit	ιì	4	51	2	0	15	299	100	85	-16	399	39.84	6.63	5.64	-1.04	26.52
Medicine River Unit No. 4	4	0	0	0	0	0	14	2	2	0	6	41.32	7.07	6.81	-0.98	26.46
Medicine River Viking D Unit No. 2	9 Unit No. 2	0	0	0	0	0	2	0		0	-	42.82	6.37	11.80	-1.01	23.65
Michichi		0	0	0	0	0	0	0	0	0	0	00.0	00.0	00.0	0.00	0.00
Weirhill		91	2	0	0	16	742	59	218	0	465	45.18	3.58	13.26	00.0	28.34
Westerose		0	89	4	0	15	520	138	19	ę.	318	34.94	9.27	4.08	-0.21	21.38
Willesden Green Glauconitic A Unit No. I	mitic A Unit No.1		-	0	0	-	62	10	13	0	39	44.27	7.24	90.6	-0.36	27.62
Total Total Corporate		48	178	7	0	84	3398	535	520	-171	2171	40.36	6.36	6.18	-2.03	25.79

25.79 0.00 25.86

> -1.97 0.00

> 6.36 0.00

> > -166

535

84

ETHANE 1.00000 SULPHUR 0.00000

PROPANE 1.00000 BUTANE 1.00000

RES GAS 6.00000 SLN GAS 6.00000

1.00000

OIL

BOE Factors:

0.00 6.18

0.00 40.36

5 2177

0 520

0 3398

0

0

0 178

0 48

Total Corporate Incl. Adjustments

ARTC/AGCA Adjusmtent

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Value	
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Company	
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				D		4	•	-								
Company: Mi	Millennium Energy Inc. Corporate								Reserve Class; Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	Probable 1g 2-31) Consti 2003	ant			
								2003 Re	2003 Revenue and Expenses	xpenses			Aver	Average 2003 Value	ne	
			2003 Ct	2003 Company Production	duction		Eiold	Douglas	Oneroting	) the	Onornting	Eield	Povofty	Operating	Other	Operating
Entity Description		Oil Mbbl	Gas Mmcf	NGL Mbbl	Sulphur Mlt	Boe Mbbl	Revenue MS	Burdens MS	Expenses MS	Inc.&Exp.	Income MS	Revenue S/Boe	Burdens S/Boe	- :	أخما	Income S/Boe
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	0.00	0.00
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	00.00	0.00	0.00	0.00	0.00
Craigend		0	0	0	0	0	0	0	0	0	0	00.00	0.00	0.00	0.00	0.00
Enchant		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Handsworth		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Liege		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Medicine River Glauconitic A Unit No. 4	ic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	00:0	0.00
Medicine River Non-Unit		0	4	0	0	-	35	16	3	0	91	38.27	17.69	3.33	00.0	17.25
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Michichi		14	0	0	0	14	649	221	46	0	382	46.04	15.67	3.28	0.00	27.09
Weirhill		4	0	0	0	4	201	7	14	0	180	45.63	1.51	3.23	0.00	40.88
Westerose		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Willesden Green Glauconitic A Unit No.1	itic A Unit No.1	0	0	0	0	0	0	0	0	0	0	0.00	0.00	00.0	00:00	0.00
Total Total Corporate		81	4	0	0	61	885	244	2	0	878	45.58	12.55	3.27	0.00	29.76
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	44	44	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	stments	18	4	0	0	61	885	244	4	4	621	45.58	12.55	3.27	2.24	32.00
		BOE Factors:		OIL	000001			PROPANE			0000001					
			-	COND	0000071		6.00000	BUTANE	1.00000	SULPHUR	0.00000					

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p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC09\_boe.htm

Value
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Company Oil E
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Average

				9		1		F								
Company: Property:	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	Probable 2-31) Const 2003	ant			
				,				2003 Re	2003 Revenue and Expenses	xpenses			Avera	Average 2003 Value	lue	
			2003 Ct	2003 Company Production	fuction		Picia	Downlay	Onomotino	Othar	Oneroting	Eield	Downley	Oneroting	Othor	Onorating
Entity Description		Oil Mbbl	Gas Mmcf	NGL	Sulphur Mlt	Boe Mbbl	Revenue MS	Burdens MS	Expenses MS	Inc.&Exp.	Income MS	Revenue S/Boe	. i	- 1	Inc.&Exp.	Income S/Boe
Total Corporate																
Chauvin		3	0	0	0	3	133	28	38	0	29	38.59	8.05	10.92	-0.10	19.52
Condor Lower Manny	Condor Lower Mannville Natural Gas Unit No.	0	10	0	0	2	80	13	7	4	57	38.62	91.9	3.20	-1.89	27.37
Craigend		0	10	0	0	2	99	10	13	3	35	34.92	6.41	7.97	1.68	22.22
Enchant		4	5	0	0	\$	222	32	24	0	166	41.00	5.91	4.41	0.00	30.68
Glen Ewen		==	5	0	0	12	524	105	31	-142	246	45.13	9.03	2.69	-12.21	21.21
Handsworth		7	0	0	0	7	312	31	27	œ.	246	41.96	4.20	3.68	-1.05	33.04
Liege		0	56	0	0	4	128	7	0	0	121	29.22	1.54	0.00	0.00	27.68
Medicine River Glauconitic A Unit No. 4	conitic A Unit No. 4	0	0	0	0	0	9	1	2	0	2	41.98	6.24	17.65	-0.67	17.42
Medicine River Non-Unit	Unit	4	55	2	0	91	634	116	88	-16	415	39.75	7.27	5.51	-0.98	25.98
Medicine River Unit No. 4	Vo. 4	0	0	0	0	0	14	2	2	0	6	41.32	7.07	18.9	-0.98	26.46
Medicine River Viking D Unit No. 2	g D Unit No. 2	0	0	0	0	0	2	0	-	0	-	42.82	6.37	11.80	-1.01	23.65
Michichi		14	0	0	0	14	649	221	46	0	382	46.04	15.67	3.28	0.00	27.09
Weirhill		21	2	0	0	21	943	65	232	0	645	45.28	3.14	11.14	0.00	31.00
Westerose		0	89	4	0	15	520	138	61	÷3	318	34.94	9.27	4.08	-0.21	21.38
Willesden Green Glauconitic A Unit No. I	conitic A Unit No. I	-	-	0	0	-	62	10	13	0	39	44.27	7.24	90.6	-0.36	27.62
Total Total Corporate		99	182	7	0	104	4283	677	584	-171	2749	41.34	7.52	5.64	-1.65	26.54
ARTC/AGCA Adjusmtent	itent	0	0	0	0	0	0	0	0	49	49	0.00	0.00	0.00	00.0	0.00
Total Corporate Incl. Adjustments	Adjustments	99	182	7	0	104	4283	179	584	-122	2798	41.34	7.52	5.64	-1.18	27.01
		BOEE	BOE Factors:	l Tio	000001	RES GAS 6	6.00000	PROPANE	1.00000	ETHANE	1.00000					
				Q					1.00000	~	0.00000					

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			9		Greeds to tear Company on Equivalent rains					,						
Company: Mill Property: Cor	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ass: nt Class: ate:	Established Producing SEC (2002-12-31) Constant January 01, 2003	(2-31) Const 2003	lant			
								2003 Re	2003 Revenue and Expenses	Expenses			Ave	Average 2003 Value	ılue	
			2003 C	2003 Company Production	duction		11-12	Desirelle		1 2	Consting	Ploid	Dovintry	Onoroting	- G	Onerating
Entity Description	THE PROPERTY OF THE PROPERTY O	Oil	Gas	NGL	Sulphur Mlt	Boe Mbbi	Revenue MS	Burdens MS	Expenses MS	E	Income MS	Revenue S/Boe	Burdens S/Boe	Expenses S/Boe	Inc.&Exp. S/Boe	Income S/Boe
Total Corporate					,											
Chauvin		3	0	0	0	3	132	27	38	0	99	38.59	8.02	10.11	-0.10	19.46
Condor Lower Mannville Natural Gas Unit No.	Vatural Gas Unit No.	0	10	0	0	2	61	13	7	4	26	38.62	6.16	3.21	-1.89	27.36
Craigend		0	6	0	0	2	55	10	13	3	35	34.92	6:36	8.04	1.68	22.16
Enchant		4	5	0	0	S	221	32	24	0	165	41.00	5.89	4.43	0.00	30.69
Glen Ewen		=	\$	0	0	11	515	103	31	-139	242	45.13	9.03	2.71	-12.17	21.23
Handsworth		7	0	0	0	7	311	31	27	∞-	245	41.96	4.20	3.68	-1.05	33.04
Liege		0	56	0	0	4	126	7	0	0	120	29.22	1.54	0.00	0.00	27.68
Medicine River Glauconitic A Unit No. 4	c A Unit No. 4	0	0	0	0	0	9	-	2	0	2	41.98	6.24	17.83	-0.67	17.24
Medicine River Non-Unit		4	20	2	0	15	594	66	85	-16	395	39.84	6.63	2.68	-1.04	26.48
Medicine River Unit No. 4		0	0	0	0	0	4	2	2	0	6	41.32	7.05	6.84	-0.97	26.45
Medicine River Viking D Unit No. 2	Init No. 2	0	0	0	0	0	2	0	-	0	-	42.82	6.37	11.89	-1.00	23.56
Michichi		0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00
Weirhill		16	2	0	0	91	728	28	217	0	454	45.17	3.57	13.47	0.00	28.13
Westerose		0	29	4	0	15	518	137	19	£-	317	34.94	9.26	4.09	-0.21	21.38
Willesden Green Glauconitic A Unit No.1	tic A Unit No.1	-	-	0	0	-	61	02	13	0	38	44.26	7.22	9.21	-0.35	27.48
Total Total Corporate		47	9/1	7	0	83	3361	530	519	-168	2145	40.35	6.36	6.23	-2.01	25.75
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	5	5	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	stments	47	176	7	0	83	3361	530	519	-163	2150	40.35	6.36	6.23	-1.95	25.81
		BOE Factors:						PROPANE	1.00000		1.00000					
				COND	1.00000	SLN GAS 6	000009	BUTANE	1.00000	SULPHUR	0.00000					

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			ť.	verage	ואו זכם		Average 15t 1 car Company on Equivalent value	· Admix	, , , , ,	aluc						
Company: Property:	Millennium Energy Inc. Corporate								Reserve Class: Development Class: Pricing: Effective Date:	ass: nt Class: ate:	Established Total SEC (2002-12-31 January 01, 2003	Established Total SEC (2002-12-31) Constant January 01, 2003	itanî			
								2003 Re	2003 Revenue and Expenses	Expenses			Ave	Average 2003 Value	alue	
			2003 C	2003 Company Production	duction		:			ļ		:	-		3	
Entity Description		Oil Mbbi	Gas Mmcf	NGL Mbbi	Sulphur Mlt	Boe Mbbi	Revenue MS	Koyalty Burdens MS	Operating Expenses MS	Other Inc.&Exp. MS	Operating Income MS	rield Revenue S/Boe	Koyaliy Burdens \$/Boe	Operating Expenses S/Boe	Other Inc.&Exp. \$/Boe	Operating Income \$/Boe
Total Cornorate																
Chauvin		3	0	0	0	3	132	27	38	0	99	38.59	8.02	11.01	-0.10	19.46
Condor Lower Manny	Condor Lower Mannville Natural Gas Unit No.	0	10	0	0	2	79	13	7	4	56	38.62	6.16	3.21	-1.89	27.36
Craigend		0	6	0	0	2	55	10	13	3	35	34.92	6:39	8.04	1.68	22.16
Enchant		4	5	0	0	5	221	32	24	0	165	41.00	5.89	4.43	0.00	30.69
Glen Ewen		Ξ	5	0	0	=	515	103	31	-139	242	45.13	9.03	2.71	-12.17	21.23
Handsworth		7	0	0	0	7	311	31	27	<b>φ</b> ,	245	41.96	4.20	3.68	-1.05	33.04
Liege		0	56	0	0	4	126	7	0	0	120	29.22	1.54	0.00	0.00	27.68
Medicine River Glauconitic A Unit No. 4	onitic A Unit No. 4	0	0	0	0	0	9	-	2	0	2	41.98	6.24	17.83	-0.67	17.24
Medicine River Non-Unit	Init	4	52	2	0	15	611	107	98	-16	403	39.79	96.9	5.61	-1.01	26.20
Medicine River Unit No. 4	10.4	0	0	0	0	0	14	2	2	0	6	41.32	7.05	6.84	-0.97	26.45
Medicine River Viking D Unit No. 2	, D Unit No. 2	0	0	0	0	0	2	0	-	0	-	42.82	6.37	11.89	-1.00	23.56
Michichi		13	0	0	0	13	585	194	43	0	348	46.04	15.27	3.39	00.0	27.37
Weirhill		18	2	0	0	18	829	19	224	0	544	45.23	3.33	12.24	00.0	29.62
Westerose		0	<i>L</i> 9	4	0	15	518	137	61	Ċ	317	34.94	9.76	4.09	-0.21	21.38
Willesden Green Glauconitic A Unit No. I	conitic A Unit No.1	-	-	0	0	-	19	02	13		38	44.26	7.22	9.21	-0.35	27.48
Total Total Corporate		62	178	7	0	66	4064	735	173	-168	2591	41.19	7.45	5.78	-1.70	26.25
ARTC/AGCA Adjusmtent	tent	0	0	0	0	0	0	0	0	43	43	0.00	0.00	0.00	0.00	0.00
Total Corporate Incl. Adjustments	4 djustments	62	178	7	0	66	4064	735	571	-125	2634	41.19	7.45	5.78	-1.26	26.69
		a aoa	BOE England	īč	1 00000	PECCAC	00000	DDODANE	00000	ETHANE	000001					
		DOE F	actors:	COND	1.00000	SLN GAS	6.00000		0000001		0.0000.0					

		Company Daily Oil Production	ny Da	ily Oil	Prod	uction	(ppp)	<u>~</u>						
Company: Property:	Millennium Energy Inc. Corporate						Reserve C Developm Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Producing SEC (2002-12-31 January 01, 2003	ng 02-12-31) 01, 2003	Proved Producing SEC (2002-12-31) Constant January 01, 2003	<u>.</u>	
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	S
Total Cornorate														
Chauvin		6	7	9	5	4	3	3	2	-	-	-	-	
Condor Lower Mann	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	
Enchant		12	6	7	5	4	3	3	2	2	0	0	0	
Glen Ewen		28	17	11	∞	9	2	4	3	7	_	0	0	
Handsworth		20	16	12	7	S	4	4	3	3	2	2	2	
Liege		0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Glauconitic A Unit No. 4	conitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Non-	Unit	12	10	∞	7	7	9	9	5	S	4	4	3	
Medicine River Unit	No. 4	-	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Viking D Unit No. 2	ng D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	
Michichi	•	0	0	0	0	0	0	0	0	0	0	0	0	
Weirhill		43	33	24	20	17	17	01	∞	7	9	5	4	
Westerose		0	0	0	0	0	0	Ģ	0	0	0	0	0	
Willesden Green Gla	Willesden Green Glauconitic A Unit No.1	3	3	7	7	-	-	-	-	-	0	0	0	

Total

Subtotal Remainder

Total Corporate Incl. Adjustments

ARTC/AGCA Adjusmtent Total Total Corporate

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Company:         Millennium Energy Inc.         Reserved Class:         Total Proved Class:         Total Company:         Total Componing Energy Inc.         <																	
ryporate		ım Energy Inc. e						жыкш	eserve Cla bevelopme: ricing: ffective D	ss: nt Class: ate:	Total P Nonpre SEC (2 Januar	roved ducing 002-12-31 y 01, 2003	) Constan	_			
Provide  Ower Mannville Natural Gas Unit No.  Ower Mannville Mannville Gas Unit No.  Ower Mannville Mannville Gas Unit No.  Ower Mannville G	Entity Description		2003	2004	2005		- 1	- }	2009	2010	2011	2012	2013	2014	Subtotal	Remainder	Total
be the Mannville Natural Gas Unit No.  conver Mannville Natural Gas Unit No.  convert Mannville No.  convert Mannville Natural Gas Unit No.  convert Mannville No.  convert Mannville Natural Gas Unit No.  convert Mannville Natural	Total Corporate																
Lower Mannville Natural Cas Unit No.  Lower Mannville Natural Cas Unit Natural Cas	Chauvin		0	_	0	0	0	0	0	•	0	0	0	0	0	0	•
l the component of the control of th	Condor Lower Mannville Natural (	Gas Unit No.	0	_	0	0	0	0	0	•	0	0	0	0	0	0	Ū
en bord bord bord bord bord bord bord bord	Craigend		0	_	0	0	0	0	0	0	0	0	0	0	0	0	•
en bath bath bath bath bath bath bath bath	Enchant		0	_	0	0	0	0	0	0	0	0	0	0	0	0	•
with control of the	Glen Ewen		0	_	0	0	0	0	0	•	0	0	0	0	0	0	•
River Glaucontitic A Unit No. 4         0 <t< td=""><td>Handsworth</td><td></td><td>0</td><td>_</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>•</td></t<>	Handsworth		0	_	0	0	0	0	0	0	0	0	0	0	0	0	•
E River Clauconitic A Unit No. 4  E River Clauconitic A Unit No. 4  E River Clauconitic A Unit No. 4  E River Viking D Unit No. 2  E River Viking D Unit No. 2  E River Viking D Unit No. 2  E River Viking D Unit No. 1  E River Viking D Unit No. 2  E River Viking D Unit No. 3  E River Viking D Unit No. 4  E River Viking D Unit No. 3  E River Viking D Unit No. 3  E River Viking D Unit No. 4  E	Liege		0	_	0	0	0		0	•	0	0	0	0	0	0	•
Init log 1	Medicine River Glauconitic A Uni	t No. 4	0	_	0	0	0		0	•	0	0	0	0	0	0	_
10.4 4     0 <td< td=""><td>Medicine River Non-Unit</td><td></td><td>0</td><td></td><td>0</td><td>0</td><td>0</td><td></td><td>0</td><td>•</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>•</td></td<>	Medicine River Non-Unit		0		0	0	0		0	•	0	0	0	0	0	0	•
g D Unit No. 2     31     30     26     24     21     18     16     14     12     10       6     0     0     0     0     0     0     0     0     0     0     0     0       0     0     0     0     0     0     0     0     0     0     0       0     0     0     0     0     0     0     0     0     0       1     31     30     26     24     21     18     16     14     12     10       Adjustments	Medicine River Unit No. 4		0	_	0	0	0		0	•	0	0	0	0	0	0	_
31   30   26   24   21   18   16   14   12   10     0	Medicine River Viking D Unit No.	. 2	0			0	0		0	•	0		0	0	0	0	_
Conitic A Unit No.1  Conitic A Unit No.1  Solution is a series of	Michichi		31			56	24				_		6	∞	79358	14176	93534
contic A Unit No.1     0<	Weirhill		0			0	0						0	0	0	0	
conitic A Unit No.1       31     30     26     24     21     18     16     14     12     10       Itent       Adjustments     31     30     26     24     21     18     16     14     12     10	Westerose		0	_	0	0	0			0	0		0	0	0	0	
Adjustments     31     30     26     24     21     18     16     14     12     10       Adjustments     31     30     26     24     21     18     16     14     12     10	Willesden Green Glauconitic A Ur	nit No.1	0		0		0				°		0	0	0	٥	
0     0     0     0     0     0     0     0     0       31     30     26     24     21     18     16     14     12     10	Total Total Corporate		31		30	26	24					10	6	∞	79358	14176	93534
31 30 26 24 21 18 16 14 12 10	ARTC/AGCA Adjusmtent		0		0	0	0					0	0	0	0	0	
	Total Corporate Incl. Adjustments		31		02	26	24					10	6	∞	79358	14176	93534

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		Company Daily	ıy Dai	i Č	Produ	roduction	(pp)								
Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) Constant January 01, 2003	II) Consta 03	ŧ			
Entity Description		2003	2004	2005 2	2006 2	2007 2008		2009 2010	0 2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate															
Chauvin		6	7	9	5	4	3	3	7		_		15	0	16
Condor Lower Man	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Enchant		12	6	7	S	4	3	3	7	2	0 0	0	17	0	17
Glen Ewen		28	17	=	∞	9	2	4	3	2	-0	0	31		31
Handsworth		20	91	13	7	2	4	4	3	3	2 2	2	29		32
Liege		0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Medicine River Glau	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0 0	0	0		0
Medicine River Non-Unit	-Unit	12	10	∞	7	7	9	9	2			3	28	12	40
Medicine River Unit No. 4	t No. 4	-	0	0	0	0	0	0	0			0	_	0	-
Medicine River Viking D Unit No. 2	ing D Unit No. 2	0	0	0	0	0	0	0	0			0	0		0
Michichi	•	31	30	56	24	21	81	91	4	12 1	10 9	∞	79		94
Weirhill		43	33	24	70	17	12	01	8			4	69	3	72
Westerose		0	0	0	0	0	0	0	0	0	0 0	0	0		0
Willesden Green Gl.	Willesden Green Glauconitic A Unit No. I	3	3	2	2	-	-	-	-	-	0	0	9	0	9
Total Total Corporate	ie ie	159	.125	76	79	99	54	45	38	32 2	25 21	18	277	33	310
ARTC/AGCA Adjusmtent	sintent	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Total Corporate Incl. Adjustments	. Adjustments	159	125	6	62	99	54	45	38	32 2	25 21	18	277	33	310

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		Company Daily Oil Production	iny Da	ily Oi	l Prod	uction	(ldd)	<b>≘</b>								
Company: Property:	Millennium Energy Inc. Corporate						Res Dev Pric Effe	Reserve Class: Development Class: Pricing: Effective Date:	Class:	Probable Producing SEC (2002-12-31) January 01, 2003	Probable Producing SEC (2002-12-31) Constant January 01, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 S	Subtotal Re	Remainder	Total
Total Corporate		•	•	•	•	•	,	•	•	•	•	d	•		000	,
Chauvin		0	9	-	-	-	-	-	-	-	9	>	>	2549	878	33//
Condor Lower Manny	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	62	30	92
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	-	-	-	-	_	-	-	2	7	7	4297	48	4345
Glen Ewen		_	2	2	2	2	2	~	2	2	. 2	3	~	7500	200	8000
Handsworth		0	0	0	0	-	-	-	-	_	-		-	2094	4573	1999
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	conitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	120	0	120
Medicine River Non-Unit	Unit	0	0	-	-	0	0	-	-	-	-	-	-	2451	7772	10224
Medicine River Unit No. 4	Ño. 4	0	0	0	O,	0	0	0	0	0	0	0	0	180	387	267
Medicine River Viking D Unit No. 2	g D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	20	23	73
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		2	3	9	4	3	9	7	7	S	3	3	3	18573	15594	34167
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1	0	0	0	0	-	- 1	-	0	-	-	-	0	2459	121	2580
Total Total Comorate		,	7	11	×	0	=	=	=	0	9	10	×	40336	92896	70212
amod mar mar		•		:		`	:			2		:	)		·	
ARTC/AGCA Adjusmtent	ntent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	Adjustments	3	7	=	∞	6	Ξ	Ξ	Ξ	10	10	01	∞	40336	29876	70212

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		Company Daily Oil Production	ny D	aily O	il Pro	ductio	n (bbl)	<u> </u>								
Company: Millennium Energy Inc. Property: Corporate	ä						Res Price	Reserve Class: Development Class: Pricing: Effective Date:	s: : Class: :e:	Probable Nonproducing SEC (2002-12-3 January 01, 20	Probable Nonproducing SEC (2002-12-31) January 01, 2003	Probable Sonproducing SEC (2002-12-31) Constant January 01, 2003	_			
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Subtotal Remainder	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	Ų
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	_
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	•
Liege		0	0	0		0	0	0	0	0	0	0	0	0	0	_
Medicine River Glauconitic A Unit No. 4		0	0	0	0		0	0	0	0	0	0	0	0	0	_
Medicine River Non-Unit		0	0	0		0	0	0	0	0	0	0	0	234	449	683
Medicine River Unit No. 4		0	0	0		0	0	0	0	0	0	0	0	325	100	47(
Medicine River Viking D Unit No. 2		0	0	0		0	0	0	0	0	0	0	0	0	0	•
Michichi		8	7	7		4	4	3	3	2	2	-	-	17126	1943	19069
Weirhill		12	26	22	61	17	14	13	Ξ	10	6	∞	7	61078	13922	75000
Westerose		0	0	0			0	0	0	0	0	0	0	0	0	_
Willesden Green Glauconitic A Unit No.1		0	١					0	0	0	0	0	0	٥	0	
Total Total Corporate		20	33	29	25	21	18	91	41	12	11	6	∞	78764	16414	92178
ARTC/AGCA Adjusmtent		0	0		0	0	0	0	0	0	0	0	0		0	0
Total Corporate Incl. Adjustments		20	33	29	25	21	18	16	41	12	Ξ	6	∞	78764	16414	95178

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Company: M Property: Co	Millennium Energy Inc. Corporate	ı	ı				Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Total SEC (2002-12-31) Constant January 01, 2003	12-31) Cc 2003	nstant				
Entity Description		2003	2004	2002	2006	2007	2008	2009 2	2010 20	2011 20	2012 20	2013 20	2014 Sub	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		0	0		-	-	-	-	-	-	0	0	0	33	_	3
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	-	-		-	-	_		2	2	7	4	0	4
Glen Ewen		-	7	7	2	7	2	-	7	2	7	3	_	8	0	œ
Handsworth		0	0	0	0	-	-	-		_	_	-	_	7	S	7
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconiti	c A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		0	-	_	-	_	0	-	_	_		_	_	3	∞	=
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	-	0	-
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		∞	7	7	9	4	4	3	3	2	2	_	_	11	2	19
Weirhill		4	59	28	23	20	21	19	18	14	12	=	10	80	30	109
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	tic A Unit No.1	0	0	0	0	-	-	-	0	-	-	-	0	2	0	3
Total Total Corporate		23	40	40	33	30	29	27	25	22	21	61	11	119	46	165
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	stments	23	40	40	33	30	29	27	25	22	21	19	17	611	46	165

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Gilbert Laustsen Jung Associates Ltd.

	J	mpaı	ıy Dai	ly Oil	Prod	Company Daily Oil Production	(ppl)								
Company: Millennium Energy Inc. Property: Corporate							Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Producing SEC (2002-12-31) Con January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	ant			
Entity Description		2003	2004	2005	2006	2007 2	2008 2009	2010	0 2011	1 2012	2013	2014	Subtotal	Remainder	Total
Total Corporate															
Chauvin	•	6	∞	7	2	4	4	3	٣	2	2		81	-	61
Condor Lower Mannville Natural Gas Unit No.		0	0	0	0	0	0	0	0	0	0	0 0	0		0
Craigend		0	0	0	0	0	0	0	0	0	0		0		
Enchant		13	6	7	9	2	4	4	3	3	2	2 2	21	0	7
Glen Ewen		53	16	13	10	∞	9	5	4	4	3	3 1	39		6.1
Handsworth		20	91	13	7	9	5	4	4	3	3	3 2	31		(*)
Liege		0	0	0	0	0	0	0	0	0	0		0	0	
Medicine River Glauconitic A Unit No. 4		0	0	0	0	0	0	0	0	0	0	0 0	0		
Medicine River Non-Unit		12	10	6	∞	7	7	9	9	S	5	5 4	30		'n
Medicine River Unit No. 4		-		0	0	0	0	0	0	0	0	0 0	-	-	
Medicine River Viking D Unit No. 2		0	0	0,	0	0	0	0	0	0			0		
Michichi		0	0	0	0	0	0	0	0	0			0		
Weirhill		4	36	30	24	21	61	91	15	=	6	8 7	87	19	Ξ
Westerose		0	0	0	0	0	0	0	0	0	0		0		
Willesden Green Glauconitic A Unit No.1		6	2	3	2	2	2	2	-	-	-	1 0	8	0	
Total Total Corporate		131	102	82	2	54	47	4	36	30	25 22	2 19	238	48	286
ARTC/AGCA Adjusmtent	Manufacture .	0	0	0	0	0	0	0	0	0	0	0 0	0	0	
Total Corporate Incl. Adjustments		131	102	82	2	22	47	4	36	30	25 22	2 19	238	48	286

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		Company Daily Oil Production	ny Da	ily Oil	Prod	ıction	(ppl)								
Сотралу: Ргорету:	Millennium Energy Inc. Corporate						Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Con January 01, 2003	Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	¥			
Entity Description		2003	2004	2005	2006	2007 20	2008 2009	9 2010	2011	2012	2013	2014	Subtotal Re	Remainder	Total
Total Corporate															
Chauvin		0	0	0	0	0	0	0	0			0	0	0	0
Condor Lower Man	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0		0			0	0	0	0
Craigend		0	0	0	0	0	0		0			0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0		0	0	0	0
Glen Ewen		0	0	0	0	0	0		0			0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Liege		0	0	0	0	0	0		0			0	0	0	0
Medicine River Gla	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0			0	0	0	0
Medicine River Non-Unit	na-Unit	0	0	0	0	0	0		0			0	0	0	-
Medicine River Unit No. 4	it No. 4	0	0	0	0	0	0		0	0		0	0	0	0
Medicine River Viking D Unit No. 2	king D Unit No. 2	0	0	0	0	0	0			0 0		0	0	0	0
Michichi	•	39	37	33	50	25	22				_	6	96	91	113
Weirhill	•	12	56	22	61	17	14	13		01	8 6	7	19	14	75
Westerose		0	0	0	0	0	0				0	0	0	0	0
Willesden Green G	Willesden Green Glauconitic A Unit No.1	0	0	0	0	0	0				0 0	0	0	0	0
Total Total Corporate	ate	51	63	55	48	42	36	31	27 2	24 21	18	16	158	31	189
ARTC/AGCA Adjusmtent	usmtent	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Total Corporate Incl. Adjustments	cl. Adjustments	51	63	55	48	42	36	31	27 2	24 21	81	16	158	31	189

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC19\_oil.htm

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	Company Daily Oil Production	ny Da	ily Oil	Prod	uction	(ppl)								
Company: Millennium Energy Inc. Property: Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	obable 31) Consta 03	Ę			
Entity Description	2003	2004	2005	2006	2007 2	2008 20	2009 2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate									•					
Chauvin	6	∞	7	2	4	4	٣	3	2	7	-	81	-	19
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0 0		0	0	0
Craigend	0	0	0	0	0	0	0	0	0	0 0		0		0
Enchant	12	6	7	9	S	4	4	3	3	2 2	7	21		22
Glen Ewen	29	19	13	01	<b>∞</b>	9	S	4	4	3	_	39	0	39
Handsworth	20	16	13	7	9	2	4	4	3	3		31		39
Liege	0	0	0	0	0	0	0	0	0	0 0		0		0
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0 0		0		0
Medicine River Non-Unit	12	10	6	∞	7	7	9	9	2	5 5		31	20	51
Medicine River Unit No. 4	-	-		-	0	0	0	0	0	0	0	7		7
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0		0	0 0				0
Michichi	39	37	33	53	25	22	61	16	14	12 10	6	96	91	113
Weirhill	99	62	52	43	37	33	56							181
Westerose	0	0	0	0	0	0	0	0	0	0	0	0		0
Willesden Green Glauconitic A Unit No.1	3	e	3	2	2	2	2	-	-	1	0	*		*
Total Total Corporate	182	165	137	112	96	83	72	63	54 4	46 41	35	396	79	475
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0
Total Corporate Incl. Adjustments	182	165	137	112	96	83	72	63	54 4	46 41	35	396	79	475

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC09\_oil.htm

(ppl)
Production
y Oil
ny Dail
Company

Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) Constant January 01, 2003	d -12-31) C 1, 2003	onstant				
Entity Description		2003	2004	2005	2006 2	2007	2008	2009 2	2010 2	2011 2	2012 2	2013 20	2014 Su	Subtotal Rem	Remainder T	Total
Total Corporate														!		!
Chauvin		6	00	9	S	4	3	3	7	7	_	_	_	17	-	17
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		12	6	7	9	5	4	3	33	7	-	_	-	19	0	61
Glen Ewen		56	81	12	6	7	9	5	4	3	7	-	-	35	0	35
Handsworth		20	91	12	7	9	5	4	3	3	~	2	7	30	~	36
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		12	10	6	∞	7	9	9	2	2	S	4	4	29	91	45
Medicine River Unit No. 4	4		0	0	0	0	0	0	0	0	0	0	0	-	0	2
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		43	35	27	22	19	15	13	=	6	7	9	9	78	=	68
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	3	3	3	2	2	2	-	-	-	-	0	0	7	0	7
Total Total Corporate		130	66	11	59	49	14	35	30	25	20	17	4	218	34	251
ARTC/AGCA Adjusmtent	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	justments	130	66	77	89	49	41	35	30	25	20	11	14	218	34	251

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC22\_oil.htm

		Company Daily Oil Production	ny Da	ily Oil	Prod	ıction	(ldd)									
Company: Millennium Energy Inc. Property: Corporate	Energy Inc.						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	12-31) C , 2003	onstant				
Entity Description		2003	2004	2005	2006	2007 2	2008	2009 2	2010 2	2011 20	2012 20	2013 20	2014 Sul	Subtotal Remainder	İ	Total
Total Corporate																
Chauvin		6	∞	9	5	4	m	٣	7	7		_		17	_	13
Condor Lower Mannville Natural Gas Unit No.	Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		12	6	7	9	5	4	3	3	2	_			61	0	19
Glen Ewen		29	18	12	6	7	9	2	4	٣	7	-	-	35	0	35
Handsworth		20	16	12	7	9	5	4	3	3	3	2	7	30	5	36
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	0.4	0	0	0	0	0	0	0	0	0	0		0	0	0	0
Medicine River Non-Unit		12	10	6	∞	7	9	9	5	S	S	4	4	29	91	45
Medicine River Unit No. 4		-	0	0	0	0	0	0	0	0	0	0	0	-	0	7
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		35	33	53	56	23	20	17	15	13	=	10	∞	88	15	103
Weirhill		49	48	38	32	27	23	19	17	4	12	10	6	109	81	127
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	No.1	3	3	3	2	2	2	-	-	-	-	0	ا ا	7	0	7
Total Total Corporate		171	145	111	95	81	89	59	51	43	36	31	26	337	99	392
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments		171	145	111	95	18	89	59	51	43	36	31	26	337	99	392

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC10\_oil.htm

(Mcf)
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ly Gas P
pany Dail
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Company: Property:	Millennium Energy Inc. Corporate						Reserve Develops Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Producing SEC (2002-12-31) Constant January 01, 2003	2-31) Co 2003	nstant				
Entity Description		2003	2004 2	2005 2	2006 2	2007 2	2008 20	2009 20	2010 2011	1 2012	2 2013	3 2014	1	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	le Natural Gas Unit No.	56	23	20	17	15	13	=	01	6	×	7	3	89	0	8
Craigend		25	20	15	0	0	0	0	0	0	0	0	0	22	0	22
Enchant		14	=	01	∞	9	5	5	4	æ	0	0	0	54	0	24
Glen Ewen		14	6	9	4	3	7	2	<u>-</u>	_	_	0	0	91	0	16
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		92	99	45	35	27	21	91	12	2	5	4	r	109	-	110
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	Įį.	136	Ξ	16	74	19	51	43	37	32	28	25	22	259	99	315
Medicine River Unit No. 4	4.	_	-	_	-		0	0	0	0	0	0	0	2	0	m
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		4	3	3	7	2	-	_	-	0	0	0	0	9	0	9
Westerose		184	164	146	130	117	104	35	83	74	19	19	26	467	228	694
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	2	2	-	-	-	-	-	-	0	0	0	0	4	0	4
Total Total Corporate		479	399	339	273	233	661	171	149	125	801	26	85	970	285	1255
ARTC/AGCA Adjusmtent	יונ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ljustments	479	399	339	273	233	199	171	149	125	108	26	85	970	285	1255

p/s1035768/rems/econ/SEC\_2002-12-31\_Constant\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC01\_gas.htm

(Mcf)
Gas Production
Company Daily (

Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) Constant January 01, 2003	12-31) C 2003	onstant				
Entity Description		2003	7004	2005	2006 2	2007	2008 2	2009 2	2010 20	2011 20	2012 20	2013 20	2014 Sut	Subtotal Rema	Remainder T	Total
Total Cornorate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannyi	Condor Lower Mannville Natural Gas Unit No.	56	23	20	11	15	13	=	01	6	00	7	٣	59	0	89
Craigend		25	20	15	0	0	0	0	0	0	0	0	0	22	0	22
Enchant		14	=	10	∞	9	\$	5	4	3	0	0	0	24	0	24
Glen Ewen		14	6	9	4	3	2	2	_	_	-	0	0	91	0	16
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		70	99	45	35	27	21	91	12	2	2	4	3	109	_	110
Medicine River Glauconitic A Unit No. 4	mitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	nit	136	Ξ	16	74	19	15	43	37	32	28	25	22	259	26	315
Medicine River Unit No. 4	0.4	_	-	-	****	-	0	0	0	0	0	0	0	2	0	3
Medicine River Viking D Unit No. 2	D Unit No. 2	Ö	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		4	33	3	7	7	-		-	0	0	0	0	9	0	9
Westerose		184	16	146	130	117	104	65	83	74	<i>L</i> 9	19	99	467	228	694
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	2	2	-	-	-	-	-	-	0	٥	0	0	4	0	4
Total Total Corporate		479	399	339	273	233	661	171	149	125	801	26	85	970	285	1255
ARTC/AGCA Adjusmtent	lent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	479	399	339	273	233	199	171	149	125	108	26	85	970	285	1255

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Company: Millennium Energy Inc. Property: Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Producing SEC (2002-12-31 January 01, 2003	Probable Producing SEC (2002-12-31) Constant January 01, 2003	Constant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010	2011 2	2012 2	2013 2	2014 Su	Subtotal Rer	Remainder	Total
Total Cornarate															
Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	0	1	_	2	7	2	2	7	2	7	7	2	6	01	20
Craigend	_	2	2	14	0	0	0	0	0	0	0	0	7	0	7
Enchant	0	0	-		-	-	-	-	2	4	4	3	7	0	7
Glen Ewen	_	-	_		-	-	-	-	_	-	-	-	4	0	4
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	2	4	5	7	∞	6	7	∞	6	∞	9	7	27	9	33
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	3	5	∞	10	10	∞	∞	9	9	9	\$	2	53	42	71
Medicine River Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	_	-
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	0	0	0	0	0	0	0	0	_	0	0	0	_	0	-
Westerose	_	3	5	7	∞	01	=	12	13	13	6	10	37	82	119
Willesden Green Glauconitic A Unit No.1	٥	0	0	0	0	0	0	0	0	-		0	2	0	2
Total Total Corporate	∞	16	23	42	30	31	32	31	33	35	53	27	123	142	266
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	, 0	0	0	0	0
Total Corporate Incl. Adjustments	∞	91	23	42	30	31	32	31	33	35	29	27	123	142	266

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Nonproducing SEC (2002-12-31) January 01, 2003	Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	Constant				
Entity Description		2003	2004	2005	2006 2	2007 2	2008	5006	2010	2011	2012	2013	2014 S	Subtotal	Remainder	Total
Total Corporate			•	•			(	•	•	ć	•	<	¢	c	4	•
Chauvin		0	0	0	0	0 :	0	<b>o</b> (	<b>-</b>	<b>-</b>	<b>-</b>	> 0	<b>-</b>	> 0	0	0
Condor Lower Mannville Natural Gas Unit No.	le Natural Gas Unit No.	0	0 (	٥ (	0 0	0 0	<b>-</b>	<b>o</b>	<b>5</b>	- 0	> 0	> 0	9 0	> <		0
Craigend		0	•	>	•	>	>	>	•	<b>-</b>	o •	o •	) ·	0	•	> 0
Enchant		0	0	0	0	0	0	0	•	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	·i=	12	136	170	901	72	63	52	38	30	4	=	6	260	<b>∞</b>	268
Medicine River Unit No. 4	4.	0	0	0	0	0	0	0	0	0	0	0	0		0	-
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		0	0	15	∞	5	3	2	7	-	-	0	0	14	0	14
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0	0	0	0	0	0		0	0	0	0	0	0	٥	0
Total Total Corporate		12	136	185	115	78	99	54	39	31	15	Ξ	6	275	∞	283
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	12	136	185	115	78	99	54	39	31	15	.=	6	275	8	283

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Company: Property:	Millennium Energy Inc. Corporate						Reserve C Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Total SEC (2002-12-31) Constant January 01, 2003	. 12-31) C	onstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 2	2011 20	2012	2013 2	2014 St	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	0	~	-	7	2	7	7	7	2	7	7	2	6	01	20
Craigend		_	3	2	14	0	0	0	0	0	0	0	0	7	0	7
Enchant		0	0	-	_	-	-	-	-	7	4	4	3	7	0	7
Glen Ewen		-	-		-	-	-	-	-	-	-	-	-	4	0	4
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		2	4	\$	7	∞	6	7	∞	6	∞	9	7	27	9	33
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	TE .	15	141	177	116	83	71	09	4	35	20	91	14	586	20	339
Medicine River Unit No. 4	4.0	0	0	0	0	0	0	0	0	0	0	0	0		-	7
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	_	0	0	0		0	-
Westerose		-	3	70	16	13	13	13	4	13	13	6	10	20	82	133
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0	0	0	0	0	0	0	0	0	-	-	0	2	0	2
Total Total Corporate		20	152	209	157	108	26	98	11	2	20	40	36	398	150	548
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0		0	0	0	0		0	0	0	0
Total Corporate Incl. Adjustments	djustments	20	152	209	157	108	97	98	11	49	20	40	36	398	150	548

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Company: Millennium Property: Corporate	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prob Producing SEC (2002-12-31) January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	le onstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 24	2010 20	2011 20	2012 20	2013 20	2014 Sut	Subtotal Rem	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	al Gas Unit No.	27	24	21	61	17	1.5	14	12	Ξ	01	6	6	89	10	79
Craigend		56	22	81	14	0	0	0	0	0	0	0	0	29	0	29
Enchant		4	=	=	6	7	9	9	S	2	4	4	3	32	0	32
Glen Ewen		15	10	7	2	4	33	3	2	7	7	_	-	20	0	20
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		72	29	20	45	35	30	23	19	15	13	01	2	136	∞	144
Medicine River Glauconitic A Unit No. 4	Jnit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	-	0	-
Medicine River Non-Unit		139	111	66	84	72	29	51	43	38	34	30	2.7	289	62	386
Medicine River Unit No. 4		_	_	-	-	-	_	_	0	0	0	0	0	ю	-	4
Medicine River Viking D Unit No. 2	No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		4	3	3	2	2	7	-	_	_	0	0	0	7	0	7
Westerose		185	167	151	138	125	1.14	104	95	82	79	70	99	503	310	813
Willesden Green Glauconitic A Unit No.1	Unit No.1	2	2	2	2	-	-	-	-	-	-   -	-	0	5	0	2
Total Total Согрогаte		486	415	362	315	264	230	204	081	158	143	126	112	1093	427	1520
ARTC/AGCA Adjusmtent	Ī	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ste	486	415	362	315	264	230	204	180	158	143	126	112	6601	427	1520

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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	robable 31) Const	ant			
Entity Description		2003	2004	2005	2006 2	2007 20	2008 20	2009 20	2010 2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate															
Chauvin		0	0	0	0	0	0	0	0	0	0	0 0	_	0	0
Condor Lower Mannvi	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0 . 0	_	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0 0		0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0		•	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0 0	_	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0 0	_	0	0
Medicine River Glauco	onitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0 0	_	0	0
Medicine River Non-Unit	fnit	12	136	170	106	72	63	25	38	30	14	1 9	260	<b>∞</b>	268
Medicine River Unit No. 4	lo. 4	0	0	0	0	0	0	0	0	0		0 0	_	0	
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0			0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0		0		0
Westerose		0	0	15	∞	S	3	7	7	_	_	0 0	14		14
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1	0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
Total Total Comorate		12	136	185	115	8,2	99	25	30	31	. 51	0	275	, œ	283
om compound		71	2	61	?	9/	3	5	ŝ				1		707
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0 0	0	0	0
Total Corporate Incl. Adjustments	djustments	12	136	185	115	78	99	54	39	31	15 1	6 !	275	∞	283

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Company: Millennium Energy Inc. Property: Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prob Total SEC (2002-12-31) January 01, 2003	Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	le onstant				
Entity Description	2003	2004	2005	2006	2007	2008	2009 2	2010 2	2011 2	2012 20	2013 20	2014 Su	Subtotal Remainder		Total
Total Corporate													,		•
Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	27	24	21	19	11	15	14	12	Ξ	01	6	6	89	10	79
Craigend	56	22	18	14	0	0	0	0	0	0	0	0	59	0	53
Enchant	14	Ξ	=	6	7	9	9	S	2	4	4	3	32	0	32
Glen Ewen	15	10	7	5	4	3	3	7	2	7	-	-	20	0	20
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	72	59	20	42	35	30	23	61	15	13	10	S	136	∞	<u>4</u>
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	-	0	_
Medicine River Non-Unit	151	252	569	190	<u>4</u>	122	103	81	29	48	41	36	549	105	654
Medicine River Unit No. 4	-	-	-	-	-	-	-		-	-	0	0	4	_	2
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	4	3	33	2	7	2	_	_	-	0	0	0	7	0	7
Westerose	185	167	167	146	130	117	901	6	87	80	70	99	517	310	827
Willesden Green Glauconitic A Unit No.1	7	2	2	2	-	-	-	-	-	-	-	٥	5	0	8
Total Total Corporate	498	155	548	430	341	296	258	220	189	158	137	121	1368	435	1803
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	498	551	548	430	341	296	258	220	681	158	137	121	1368	435	1803

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl\_\_Adjustments\_RC09\_gas.htm

Company: Property:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) Constant January 01, 2003	2-31) Coi 2003	ısfant				
Entity Description		2003	2004 2	2005 2	2006 20	2007 26	2008 20	2009 20	2010 2011	1 2012	2 2013	3 2014	l	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	27	23	20	81	91	<del>-</del>	17	=	01	6	∞	9	2	2	69
Craigend		56	21	11	7	0	0	0	0	0	0	0	0	56	0	56
Enchant		4	Ξ	Ξ	6	7	9	9	\$	4	7	7	2	28	0	28
Glen Ewen		15	6	9	2	4	3	2	7	-	_	_	0	81	0	18
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		71	57	47	36	31	25	61	91	01	σ	7	4	123	4	127
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	THE STATE OF THE S	138	114	95	19	99	55	47	40	35	31	27	24	274	11	351
Medicine River Unit No. 4	4.0	-	_	-	-	_	-	0	0	0	0	0	0	3	-	3
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		4	3	33	7	2	-	-	_	_	0	0	0	7	0	7
Westerose		184	165	149	134	121	601	86	68	79	73	99	19	485	269	754
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	2	2	2	-	-	-	-	-	-	0	0	0	5	0	2
Total Total Corporate		483	407	350	294	248	215	188	165	141	126	111	86	1031	356	1387
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustmenis	483	407	350	294	248	215	188		141	126	Ξ	86	1031	356	1387

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Company: Millennium Energy Inc. Property: Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	d -12-31) C 1, 2003	onstant				
Entity Description	2003	2004	2005	2006	2007	2008	2009 2	2010 2	2011 2	2012 2	2013 20	2014 Su	Subtotal Rer	Remainder	Total
Total Corporate Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	27		20	<u>×</u>	91	4	12	=	01	6	∞	9	4	~	69
Craigend	56	21	17	7	0	0	0	0	0	0	0	0	56	0	56
Enchant	14		Ξ	6	7	9	9	5	4	2	7	2	28	0	28
Glen Ewen	15	6	9	\$	4	3	2	7	_	-	-	0	18	0	18
Handsworth	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	71	57	47	39	31	25	19	16	10	6	7	4	123	4	127
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	144	182	180	132	103	98	73	86	20	38	33	53	404	80	485
Medicine River Unit No. 4	_	-	-	-	-	_	_	0	0	0	0	0	6	-	4
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	4	3	3	2	2	-		_	-	0	0	0	7	0	7
Westerose	184	165	157	138	123	111	66	96	80	73	99	19	492	569	191
Willesden Green Glauconitic A Unit No.1	2	2	2	-	-	-	-	-	-	0	0	0	5	0	2
Total Total Corporate	489	475	443	352	287	248	215	184	157	133	117	103	1169	360	1529
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	489	475	443	352	287	248	215	184	157	133	1117	103	1169	360	1529

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Company: N Property: C	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class; Pricing: Effective Date:		Proved Producing SEC (2002-12-31 January 01, 2003	Proved Producing SEC (2002-12-31) Constant January 01, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012 2	2013 2	2014 S	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	-	-	-	-	-	-	0	0	0	0	0	0	2363	0	2363
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		-	0	0	0	0	0	0	0	0	0	0	0	1135	0	1135
Glen Ewen		Ô	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	ic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Medicine River Non-Unit		9	5	4	3	3	2	2	7	-	-	_		11834	2537	14371
Medicine River Unit No. 4	**	0	0	0	0	0	0	0	0	0	0	0	0	204	34	238
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		10	6	∞	7	9	9	2	4	4	4	٣	3	24927	12162	37089
Willesden Green Glauconitic A Unit No.1	itic A Unit No.1	0	0	٥	٥	0	0	0	0	0	0	٥	0	152	0	152
Total Total Corporate		18	15	13	=	10	6	∞	7	9	S	8	4	40629	14733	55363
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	istments	18	15	13	Ξ	10	6	œ	7	9	S	5	4	40629	14733	55363

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) January 01, 2003	Proved Total SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description		2003	2004	2005	2006	2007 2	2008 2	2009 2	2010 20	2011 2	2012 2	2013 2	2014 Si	Subtotal Remainder	1	Total
Total Corporate		0	c	c	c	c	0	0	C	c	Ģ	0	0	c	0	0
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	· –	-	-	· –	. <b>–</b>		0	0	0	0	0	0	2363	0	2363
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		-	0	0	0	0	0	0	0	0	0	0	0	1135	0	1135
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconi	tic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Medicine River Non-Unit		9	2	4	3	3	7	7	2			-	-	11834	2537	14371
Medicine River Unit No. 4	4	0	0	0	0	0	0	0	0	0	0	0	0	204	<del>2</del>	238
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	01	0	10
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		10	6	∞	7	9	9	8	4	4	4	m	3	24927	12162	37089
Willesden Green Glauconitic A Unit No.1	uitic A Unit No.1	0	0	0	0	0	0	0	0	٥	0	0	0	152	0	152
Total Total Corporate		18	15	13	Ξ	10	6	∞	7	9	\$	5	4	40629	14733	55363
ARTC/AGCA Adjusmtent	į.	0	0	0	0	0	0	0		0		0	0	0	0	0
Total Corporate Incl. Adjustments	ustments	18	15	13	Ξ	01	6	∞	7	9	5	S	4	40629	14733	55363

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Total Corporate         0         0         0           Chauvin         0         0         0         0           Condor Lower Mannville Natural Gas Unit No.         0         0         0         0         0           Craigend         Enchant         0	22006	2007 2	2008 2		7	January 01, 2003	1, 2003					
porate  Ower Mannville Natural Gas Unit No.  ower Mannville Natural Gas Unit No.  on the state of the state o	000000	0		2009	2010 20	2011 20	2012 2	2013 20	2014 St	Subtotal Ren	Remainder	Total
ower Mannville Natural Gas Unit No. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000	0 0										
cower Mannville Natural Gas Unit No. 9  en  frih  rth  River Glauconitic A Unit No. 2  en  River Viking D Unit No. 2  en  Green Glauconitic A Unit No. 1  en  Green Glauconitic A Unit No. 1  friver Viking D Unit No. 2  friver Viking D Unit No. 1	00000	0	0	0	0	0	0	0	0	0	0	0
en arthur No. 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	00000		0	0	0	0	0	0	0	376	413	482
en  inth  River Glauconitic A Unit No. 2  River Viking D Unit No. 2  en  Green Glauconitic A Unit No. 1  Contract Contra	0000	0	0	0	0	0	0	0	0	0	0	0
en orth  River Glauconitic A Unit No. 2  River Viking D Unit No. 2  e River Viking D Unit No. 3	000	0	0	0	0	0	0	0	0	343	4	348
rith  River Glauconitic A Unit No. 4  River Viking D Unit No. 2  e. River Viking D Unit No. 2  o. 0  o	00	0	0	0	0	0	0	0	0	0	0	0
River Glauconitic A Unit No. 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	C	0	0	0	0	0	0	0	0	0	0	0
River Glauconitic A Unit No. 4       0       0         River Non-Unit       0       0         River Unit No. 2       0       0         River Viking D Unit No. 2       0       0         River Viking D Unit No. 2       0       0         n Green Glauconitic A Unit No. 1       0       0		0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	2	0	2
No.1	0	0	0	0	0	0	0	0	0	1335	9061	3242
No.1	0	0	0	0	0	0	0	0	0	32	89	66
No.1	0	0	0	0	0	0	0	0	0	ю	-	4
e 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0	0	0	0	0	0	0	0	0	0	0
se 0 0 0 n Green Glauconitic A Unit No.1 0 0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	-	_	-	-	-	-	-	1954	4403	6356
	0	0	0	0	0	0	0	0	0	09	4	49
Total Total Corporate 0 0 1	-	-	-	-1	-		-	-	-	4104	6629	10903
ARTC/AGCA Adjusmtent 0 0 0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments 0 0 1		-		-	-	-	-	-	-	4104	6619	10903

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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Nonproducing SEC (2002-12-31 January 01, 2003	Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description		2003	2004	2005	2006	2007	2008	5000	2010 2	2011 2	2012 20	2013 2	2014 Si	Subtotal Rer	Remainder	Total
Total Cornerate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	nit .	0	9	∞	8	3	3	2	7	-	_	0	0	11811	362	12173
Medicine River Unit No. 4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	57	81	75
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		0	0		0	0	0	0	0	0	0	0	0	735	0	735
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0		0	0	0	٥	0	0	٦	0	0	0	0	0	0
Total Total Corporate		0	9	6	5	4	ю	2	7	-	-	-	0	12602	379	12982
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	0	9	6	8	4	3	2	7	-	-	-	0	12602	379	12982

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Company: Millennium Energy Inc. Property: Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	Jass:	Probable Total SEC (2002-12-31) Constant January 01, 2003	-12-31) C 1, 2003	onstant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010	2011 2	2012 20	2013 20	2014 St	Subtotal Ren	Remainder	Total
Total Carnarate															
Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0.	0	0	0	0	0	0	0	0	376	413	789
Craigend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant	0	0	0	0	0	0	0	0	0	0	0	0	343	4	348
Glen Ewen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Medicine River Non-Unit	-	9	∞	S	4	3	e	7	7	-	_	-	13146	2268	15414
Medicine River Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	88	82	174
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	3	-	4
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose	0	0	-	-	-	-	-	-	_	-	-	-	2689	4403	1602
Willesden Green Glauconitic A Unit No.1	0	0	0	0	0	0	0	0	0	0	0	ا ٥	99	4	2
Total Total Corporate	-	7	6	9	S	4	4	3	3	7	7	2	16707	7178	23885
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0		0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	-	7	6	9	2	4	4	3	E)	7	2	2	16707	7178	23885

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Сотралу: Ргорету:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	obable 31) Consta 33	ĭ			
Entity Description		2003	2004	2005	2006	2007 2	2008 20	2009 2010	10 2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate															
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvi	Condor Lower Mannville Natural Gas Unit No.	_	-	-		-	-	-	0	0	0 0	0	2739	413	3152
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		-	_		0	0	0	0	0	0	0	0	1479	4	1483
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	onitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Medicine River Non-Unit	nit	9	5	5	4	3	٣	2	2	2	2 1	-	13169	4444	17613
Medicine River Unit No. 4	0.4	0	0	0	0	0	0	0	0	0	0	0	235	102	337
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0 0	0	13	-	4
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		10	6	∞	7	7	9	9	5	2	4	4	26881	16564	43445
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1	0	0	0	0	٥	0	0	0	0		0	212	4	217
Total Total Corporate		18	91	4	12	11	10	6	∞	7	9 9	\$	44734	21532	99799
ARTC/AGCA Adjusmtent	tent	0	0	0	0	0	٥	0	0	0	0 0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	18	91	14	12	Ξ	01	6	<b>∞</b>	7	9 9	\$	44734	21532	99799

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2003 20	1	-		2008	2009	2010	2011	 	!	-	1	l	Total
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0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0 0		0	0	0	0	0	0	0
0	9	∞	5	3	3 2	2	_	-	0	0	11811	362	12173
0	0	0	0	0	0 0	0	0	0	0	0	57	18	75
0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
0	0	0	0	0	0 0	0	0	0	0	0	0	0	0
0	0	-	0	0	0 0	0	0	0	0	0	735	0	735
0	٥	0	0	0	0 0	0	0	0	0	0	0	0	0
0	9	6	\$	4	3 2	2	•••	-	-	0	12602	379	12982
0	0	0	0	0	0	0	0	0		0	0		0
0	9	6	\$	4	3 2	2	-	1	-	0	12602	379	12982
1		2004	2004 2005 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2004 2005 2006  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2004         2005         2006         2007         2008           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0         0           0         0         0         0	2004     2005     2006     2007     2008       0     0     0     0     0       0     0     0 <td>Pricing:</td> <td>Pricing:  Fricing:  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>Pricing:  Fricing:  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td> <td>  Sec (2002-12-31) Constant Effective Date:   Sec (2002-12-31) Constant Effective Date:   January 01, 2003   Sec (2002-12-31) Constant    </td> <td>2004         2005         2007         2008         2009         2011         2012         2013         2014           2004         2005         2007         2008         2009         2010         2011         2012         2013         2014           0</td> <td>  Sec (2002-12-31) Constant   Effective Date:   Sec (2002-12-31) Constant   Effective Date:   January 01, 2003   Sold   Subtotal   Effective Date:   January 01, 2003   Sold   Subtotal   S</td> <td>  Development Class:   SEC (2002-12-31) Constant   Effective Date:   January 01, 2003   Suc (2002-12-31) Constant   Effective Date:   January 01, 2003   Subtotal   S</td>	Pricing:	Pricing:  Fricing:  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Pricing:  Fricing:  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sec (2002-12-31) Constant Effective Date:   Sec (2002-12-31) Constant Effective Date:   January 01, 2003   Sec (2002-12-31) Constant	2004         2005         2007         2008         2009         2011         2012         2013         2014           2004         2005         2007         2008         2009         2010         2011         2012         2013         2014           0	Sec (2002-12-31) Constant   Effective Date:   Sec (2002-12-31) Constant   Effective Date:   January 01, 2003   Sold   Subtotal   Effective Date:   January 01, 2003   Sold   Subtotal   S	Development Class:   SEC (2002-12-31) Constant   Effective Date:   January 01, 2003   Suc (2002-12-31) Constant   Effective Date:   January 01, 2003   Subtotal   S

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Company: Millenniun Property: Corporate	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prot Total SEC (2002-12-31) January 01, 2003	Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	le onstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 20	2011 20	2012 20	2013 20	2014 Su	Subtotal Ren	Remainder	Total
Total Cornorate																
Chauxin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	Gas Unit No.	-	-		-	-	-	_	0	0	0	0	0	2739	413	3152
Craigend		0	0	0	0	0	0	0	0	0	0 .	0	0	0	0	0
Enchant		_	-	-	0	0	0	0	0	0	0	0	0	1479	4	1483
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glanconitic A Unit No. 4	ir No. 4	0	0	0	0	0	0	0	0	0	0	0	0	9	0	9
Medicine River Non-Unit		7	=	12	6	7	9	5	4	3	2	7	7	24980	4805	29785
Medicine River Unit No 4		0	0	0	0	0	0	0	0	0	0	0	0	292	120	412
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	13	-	14
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		10	6	6	∞	7	9	9	5	5	4	4	4	27616	16564	44180
Willesden Green Glauconitic A Unit No.1	nit No.1	0	0	0	0	0	0	0	0	0	0	0	0	212	4	217
Total Total Corporate		61	22	23	18	15	13	11	10	∞	7	9	9	57336	21911	79248
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments		19	22	23	81	15	13	11	01	∞	7	9	9	57336	21911	79248

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Company

Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) January 01, 2003	Established Producing SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 2	2011 20	2012 20	2013 20	2014 St	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	1	-	_	_	-	-	0	0	0	0	0	0	2551	506	2757
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		-	-	0	0	0	0	0	0	0	0	0	0	1307	2	1309
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	iftic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5
Medicine River Non-Unit	.=	9	S	4	4	'n	2	7	7	7	-	-	-	12502	3491	15992
Medicine River Unit No. 4	4.	0	0	0	0	0	0	0	0	0	0	0	0	219	89	288
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	12	-	12
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		01	6	∞	7	9	9	S	S	4	4	4	3	25904	14363	40267
Willesden Green Glauconitic A Unit No.1	mitic A Unit No.1	0	0	0	0	0	0	0	0	٥	0	0	0	182	2	185
Total Total Corporate		18	16	4	12	11	6	∞	7	9	9	\$	S	42682	18133	60814
ARTC/AGCA Adjusmtent	ını	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	fjustments	81	91	4.	12	=	6	∞	7	9	9	\$	5	42682	18133	60814

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Company: Millennium Energy Inc. Property: Corporate						Res Dev Pric Effe	Reserve Class: Development Class: Pricing: Effective Date:	Jass:	Established Total SEC (2002-12-31) January 01, 2003	Established Total SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012 2	2013 20	2014 S	Subtotal Re	Remainder	Total
Total Comments															
Chauvin Chronic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	1	-	-	_	-	-	0	0	0	0	0	0	2551	506	2757
Craigend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant	7	-	0	0	0	0	0	0	0	0	0	0	1307	2	1309
Glen Ewen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	2	0	5
Medicine River Non-Unit	7	8	∞	9	\$	4	٣	3	7	2	-	-	18407	3671	22078
Medicine River Unit No. 4	0		0	0	0	0	0	0	0	0	0	0	248	11	325
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	12	-	12
Michichi	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	0		0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose	10	6	8	7	7	9	2	5	4	4	4	3	26271	14363	40634
Willesden Green Glauconitic A Unit No.1	0	٥	0	0	0	0	0	0	0	0	0	0	182	2	185
Total Total Corporate	18	19	81	15	12	=	6	∞	7	9	S	5	48983	18322	67305
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	18	19	18	15	12	Ξ	6	∞	7	9	S	S	48983	18322	67305

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Company: Millennium Energy Inc. Property: Corporate						•		Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:	Proved Producing SEC (2002- January 01	Proved Producing SEC (2002-12-31) Constant January 01, 2003	Constant	_			
Entity Description		50	2003 2004		2005 20	2006 2007	7 2008	2009	2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate																
Chauvin			6	7	9	5	4	3	3 2	-	_	-	-	15		16
Condor Lower Mannville Natural Gas Unit No.			9	S	4	4	3	3	2 2	2	7	-	-	12	0	12
Craigend			4	3	3	0	0	0	0 0	0	0	0	0	4		4
Enchant			15	11	6	7	9	4	4 3		0	0	0	22		22
Glen Ewen			31	19	12	6	7	2	4 3		-	0	0	34		34
Handsworth			20	91	12	7	5	4	4 3	3	2	2	2	29		32
Liege			12	6	7	9	5	4	3 2		-		-	18		18
Medicine River Glauconitic A Unit No. 4			0	0	0	0	0	0			0	0	0	0		0
Medicine River Non-Unit			40	33	28	23	20	. 71	15 13	12	10	6	∞	83	24	107
Medicine River Unit No. 4			-	_	_	0	0	0			0	0	0	2		2
Medicine River Viking D Unit No. 2			0	0	0	0	0	0			0	0	0	0		0
Michichi			0	0	0	0	0	0		0	0	0	0	0		0
Weirhill			43	34	24	21	81		8 01		9	5	4	70	3	73
Westerose			40	36	32	56	26	23	20 18	16	15	13	12	103	50	153
Willesden Green Glauconitic A Unit No.1			4	~	3	2	2	-		-	0	0	0	7	0	7
Total Total Corporate			226	177	141	112	94	78	99 29	46	38	33	28	400	81	481
ARTC/AGCA Adjusmtent			0	0	0	0	0	0	0 0	.0	0	0	0	0	0	0
Total Corporate Incl. Adjustments			226	177	141	112	94	78 (	99 99	46	38	33	28	400	81	481
	BOE Factors:	OIL	1.00000	RES GAS SLN GAS		6.00000 P	PROPANE BUTANE	000007	ETHANE SULPHUR	0.00000						

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Company: Millennium Energy Inc. Property: Corporate				•				Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:	Total Proved Nonproducin SEC (2002-12 January 01, 2	Total Proved Nonproducing SEC (2002-12-31) Constant January 01, 2003	Constan	_			
Entity Description	The second secon	2003	3 2004	4 2005	2006	6 2007	7 2008	8 2009	2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate													,	•		
Chauvin			0	0	0	0	0	0			0	0	0	0 (	0 (	0 0
Condor Lower Mannville Natural Gas Unit No.			00	0 0	00	00	0 0	00	0 0	00	00	00	0	0	0	00
Clargena			0	0	0	0	0	0			0	0	0	0	0	0
Glen Ewen			0	0	0	0	0	0			0	0	0	0	0	0
Handsworth			0	0	0	0	0	0	0 0		0	0	0	0	0	0
Liege			0	0	0	0	0	0			0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4			0	0	0	0	0	0			0	0	0	0	0	0
Medicine River Non-Unit			0	0	0	0	0	0		•	0	0	0	<b>O</b>	0	0
Medicine River Unit No. 4			0	0	0	0	0	0			0	0	0	0	0	0
Medicine River Viking D Unit No. 2			0	0	0	0	0	0			0	0	0	0	0	0
Michichi			31	30	56	24	21	81			91	6	∞	79358	14176	93534
Weirhill			0	0	0	0	0	0	0		0	0	0	0	0	0
Westerose			0	0	0	0	0	0	0 0		0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1			0	0	0	0	0	0			0	0		0	0	0
Total Total Corporate			31	30	56	24	21	81	16 14	12	10	6	∞	79358	14176	93534
ARTC/AGCA Adjusmtent			0	0	0	0	0	0	0 0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments			31	30	26	24	21	18	16 14	12	10	6	∞	79358	14176	93534
	BOE Factors:	OIL	1.00000	RES GAS SLN GAS		6.00000 F	PROPANE BUTANE	1.00000	ETHANE	0.00000						

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Company: Millennium Property: Corporate	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) Constant January 01, 2003	12-31) C , 2003	onstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 2	2010 2	2011 20	2012	2013 2	2014 S	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		6	7	9	5	4	٣	3	7	_	-		-	15	0	91
Condor Lower Mannville Natural Gas Unit No.	as Unit No.	9	5	4	4	3	3	2	2	7	7	-	-	12	0	17
Craigend		4	3	3	0	0	0	0	0	0	0	0	0	4	0	4
Enchant		15 /	=	6	7	9	4	4	3	7	0	0	0	22	0	22
Glen Ewen		31	19	12	6	7	2	4	3	7	-	0	0	34	0	34
Handsworth		20	16	12	7	S	4	4	3	33	7	7	7	53	æ	32
Liege		12	6	7	9	5	4	3	7	-	-	-		18	0	<u>8</u> 2
Medicine River Glauconitic A Unit No. 4	No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		40	33	28	23	20	17	15	13	12	10	6	∞	83	24	107
Medicine River Unit No. 4		_	-	-	0	0	0	0	0	0	0	0	0	2	0	7
Medicine River Viking D Unit No. 2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		31	30	56	54	21	18	16	14	12	01	6	∞	79	14	8
Weirhill		43	34	24	21	81	13	10	∞	7	9	2	4	70	3	73
Westerose		4	36	32	56	56	23	20	18	16	15	13	12	103	20	153
Willesden Green Glauconitic A Unit No.1	t No.1	4	3	3	2	2	-	-	-	-	0	٥	0	7	0	7
Total Total Сотрогаte		257	207	167	136	115	96	82	70	58	48	42	36	479	95	574
ARTC/AGCA Adjusmtent	!	0	0	0	0	0	0		0	0	0		0	0	0	0
Total Corporate Incl. Adjustments		257	207	167	136	1115	96	82	70	28	48	42	36	479	95	574
									•							

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ETHANE 1.00000 SULPHUR 0.00000

PROPANE 1.00000 BUTANE 1.00000

RES GAS 6.00000 SLN GAS 6.00000

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Company: Property:	Millennum Energy Inc. Corporate							Ness Dev Pric Effe	Reserve Class: Development Class: Pricing: Effective Date:		Frobabic Producing SEC (2002-12-31) Constant January 01, 2003	12-31) C , 2003	onstant				
Entity Description			2003	03 2004	t 2005	2006	2007	2008	2009 2	2010	2011 20	2012 20	2013 20	2014 Su	Subtotal Re	Remainder	Total
Total Corporate																	
Chauvin				0	0		-	-	-		-	0	0	0	3	-	3
Condor Lower Manny	Condor Lower Mannville Natural Gas Unit No.			0	0	0	0 0	0	0	_	_		-		2	. 2	4
Craigend				0	0	0	2 0	0	0	0	0	0	0	0	-	0	-
Enchant				0	0	_	1 1	-	-	-	-	3	٣	7	9	0	9
Glen Ewen				_	7	, 7	2 2	2	-	7	2	7	3	2	∞	-	6
Handsworth				0	0	0	0 1	-	-		-		-	-	7	5	7
Liege				0		_	1 1	_	-	-	7	~	_	0	4	-	9
Medicine River Glauconitic A Unit No. 4	onitic A Unit No. 4			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	Init			_		2	3 3	2	2	2	2	7	7	7	6	17	25
Medicine River Unit No. 4	Jo. 4			0	0	0		0	0	0	0	0	0	0	0	-	-
Medicine River Viking D Unit No. 2	3 D Unit No. 2			0	0	0		0	0	0	0	0	0	0	0	0	0
Michichi				0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Weirhill				7	3	9	4 3	9	7	7	S	r	3	3	19	16	34
Westerose				0	_	_	2 2	2	2	3	3	3	2	2	<b>∞</b>	18	26
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1			0	0	0	0	-	-		-	-	-	-	3	0	3
Total Total Corporate				۶	10	15 1	15	17	18	18	17	11	16	14	99	09	125
ARTC/AGCA Adjusmtent	ıtent			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	Adjustments			S	10	15 1	15	17	18	18	11	17	91	4	99	09	125
		BOE Factors:	OIL	00000	RES GAS	S 6.00000	0 PROPANE	NE 1.00000		ETHANE	1.00000						
				00000	or or												

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Сотрапу: Ргоретty:	Millennium Energy Inc. Corporate							Re. De. Pri	Reserve Class: Development Class: Pricing: Effective Date:	S: Class: e:	Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	rcing 2-12-31) C 1, 2003	onstant				
Entity Description			2003	3 2004	4 2005	2006	2007	2008	2009	2010	2011	2012 2	2013 20	2014 Sul	Subtotal Remainder		Total
Total Corporate																	
Chauvin				0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil.	Condor Lower Mannville Natural Gas Unit No.			0	0	0	0 0		0	0	0	0	0	0	0	0	0
Craigend				0	0				0	0	0	0	0	0	0	0	0
Enchant				0	0				0	0	0	0	0	0	0	0	0
Glen Ewen				0	0				0	0	0	0	0	0	0	0	0
Handsworth				0	0				0	0	0	0	0	0	0	0	0
Liege				0	0				0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4			0	0				0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	ıit			3	29			. 13	=	<b>«</b>	9	3	2	2	25	2	28
Medicine River Unit No. 4	3.4			0	0				0	0	0	0	0	0	0	0	-
Medicine River Viking D Unit No. 2	D Unit No. 2			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Michichi				∞	7	7		4	3	3	2	2	-	_	17	2	61
Weirhill				12	56	22	19 17	14	13	=	10	6	∞	7	19	14	75
Westerose				0	0				0	0	0	0	0	0	3	0	3
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1			0	0	0	0 0	0	0	0		0	0	0	0	0	0
Total Total Corporate				22	62	69	49 38	32	27	22	61	14	12	01	137	18	155
ARTC/AGCA Adjusmtent	ent			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments			22	62	69	49 38	32	27	22	61	4	12	10	137	18	155
		BOE Factors:	OIL	1.00000	RES GAS	000009 SV		PROPANE 1.00	1.00000 E	ETHANE	1.00000						
			COND	1.00000	SEN GAS					UCFRUK	0.00000						

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Company: Millennium Energy Inc. Property: Corporate	76.							Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:	Probable Total SEC (200 January (	Probable Total SEC (2002-12-31) Constant January 01, 2003	) Constar	=			
Entity Description		3(	2003 20	2004 2	2005	2006	2007 20	2008 2009	9 2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate																
Chauvin			0	0				_	-		0	0	0	3	-	**
Condor Lower Mannville Natural Gas Unit No.			0	0	0	0	0	0	0	_		_	. –	2	2	. 7
Craigend			0	0	0	7	0	0	0	_	0	0	0	-	0	_
Enchant			0	0		-	_	-		_	6	3	2	9	0	9
Glen Ewen			-	7	7	7	7	7	_	7	2	3	2	00	-	6
Handsworth			0	0	0	0	_	_	1	_	,		-	2	5	
Liege			0	-	_	-	-	_	_	_			0	4	-	
Medicine River Glauconitic A Unit No. 4			0	0	0	0	0	0	0	·		0	0	0	0	0
Medicine River Non-Unit			3	30	38	25	18	91	13	8 01	5	4	4	2	61	∞
Medicine River Unit No. 4			0	0	0	0	0	0	0	0	0	0	0	_	-	
Medicine River Viking D Unit No. 2			0	0	0	0	0	0	0	0	0 0	0	0	0	0	
Michichi			∞	7	7	9	4	4	٣.	3 2		-	-	17		_
Weirhill			14	59	28	23	20	21	19 18	8	12	=	10	80	30	01
Westerose			0	_	4	4	κi	3	3	۳,	3	7	2	11		29
Willesden Green Glauconitic A Unit No.1		[	0	0	0	0	-	-	-	0		-	-	3	0	1
Total Total Corporate			27	72	84	99	52	90	45 40	35	31	28	24	202	79	281
ARTC/AGCA Adjusmtent			0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
Total Corporate Incl. Adjustments			27	72	84	99	52	20	45 40	35	31	28	24	202	79	281
	ROE Factore.	IO	00000		S <b>V</b> S S B B	90000	N V d C d d	00000	ETHANE	00000	•					
		COND	1.00000			0000009	BUTANE		SULPHUR							

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Company: Millennium Energy Inc. Property: Corporate							Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:	Proved Plu Producing SEC (2002- January 01	Proved Plus Probable Producing SEC (2002-12-31) Con January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003				
Entity Description		2003 2	2004 2	2005 2	2006 2007	2008	3 2009	2010	2011	2012	2013	2014 St	Subtotal Re	Remainder	Total
Total Corporate										1					
Chauvin		6	œ	7	5	4	4	3 3	2	2	_	_	18	-	19
Condor Lower Mannville Natural Gas Unit No.		9	8	4	4	4	3	3 3	2	2	2	2	14	2	17
Craigend		4	4	3	7	0	0	0 0	0	0	0	0	5	0	\$
Enchant		15	12	9	∞	7	9	5 4	4	3	33	2	28	0	28
Glen Ewen		32	20	7	Ξ	∞	7	6 5	4	4	3	7	42	-	43
Handsworth		20	91	13	7	9	5	4	33	3	٣	7	31	∞	39
Liege		12	01	∞	7	9	5		2	7	7		23	-	24
Medicine River Glauconitic A Unit No. 4		0	0	0	0	0	0		0	0	0	0		0	-
Medicine River Non-Unit		4	35	30	56	22	19	_	13	12	Ξ	10	92	40	132
Medicine River Unit No. 4		_	-	-	-	0	0	0 0	0	0	0	0	2	-	9
Medicine River Viking D Unit No. 2		0	0	0	0	0	0		0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0			0	0	0	0	0	0
Weirhill		45	37	31	25	21	61	17 15		6	∞	7	68	61	108
Westerose		4	37	33	30	27	25		61	17	16	14	111	89	179
Willesden Green Glauconitic A Unit No.1	,	4	3	3	3	3	2	2 1	-	-	-	-	6	0	6
Total Total Corporate		231	187	157	129	109	95	84 74	63	55	49	43	465	141	909
ARTC/AGCA Adjusmtent	I	0	0	0	0	0	0	0 0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments		231	187	157	129	109	95	84 74	63	55	49	43	465	141	909
	BOE Factors: OIL	1.00000				PROPANE	1.00000	ETHANE							
	COND	1.00000		SEN GAS 6	6.00000	BUIANE	1.00000	SULPHUR	0.00000						

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Company: Property:	Millennium Energy Inc. Corporate								Reserve Class: Development C Pricing: Effective Date:	Reserve Class: Development Class: Pricing: Effective Date:	Proved Nonpr SEC (3 Janua	Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	oable ) Constan	-			
Entity Description			2003	3 2004		2005 20	2006 20	2007 2008	3 2009	2010	2011	2012	2013	2014	Subtotal Remainder	Remainder	Total
Total Corporate																	
Chauvin				0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
Condor Lower Mannyi	Condor Lower Mannville Natural Gas Unit No.			0	0	0	0	0	0	0	0		0	0	0	0	0
Craigend				0	0	0	0	0	0	0	0 0		0	0	0	0	0
Enchant				0	0	0	0	0	0	0		0	0	0	0	0	0
Glen Ewen				0	0	0	0	0	0	0			0	0	0	0	0
Handsworth				0	0	0	0	0	0	0			0	0	0	0	0
Liege				0	0	0	0	0	0	0			0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	onitic A Unit No. 4			0	0	0	0	0	0	0			0	0	0	0	0
Medicine River Non-Unit	Init			W	59	36	23	15	13				2	2	55	2	28
Medicine River Unit No. 4	10.4			0	0	0	0	0	0	0	0 0	0	0	0	0	0	
Medicine River Viking D Unit No. 2	D Unit No. 2			0	0	0	0	0	0				0	0	0	0	0
Michichi				39	37	33	59	25	22		16 14		01	6	96	91	113
Weirhill				12	56	22	61	17	14				œ	7	61	14	75
Westerose				0	0	3	2	_					0	0	3	0	3
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1			0	0	0	0	0	0		0		0	0	0	0	0
Total Total Corporate				53	92	94	73	28	50	43 3	36 31	24	21	18	216	32	249
ARTC/AGCA Adjusmtent	ıtent			0	0	0	0	0	0	0	0 0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	Adjustments			53	92	94	73	28	20	43 3	36 31	24	21	18	216	32	249
		BOE Factors:	OIL	1.00000	RES GAS SLN GAS		6.00000	PROPANE BUTANE	0000001	ETHANE SULPHUR	. 1.00000 R 0.00000						

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Company: Millennium Energy Inc. Property: Corporate							Res Dev Pric Eff	Reserve Class: Development Class: Pricing: Effective Date:	: Class:	Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	lus Proba 2-12-31) 11, 2003	ble Constant				
Entity Description		2003	3 2004	4 2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate																
Chauvin			6	∞	7	5	4	3	٣	2	7		-	8.	_	61
Condor Lower Mannville Natural Gas Unit No.			9	5		4	3	3	3	7	7	7	2	4.	7	17
Craigend			4			2 0	0	0	0	0	0	0	0	•	0	^
Enchant			15		01		9	\$	4	4	3	3	2	28	0	28
Glen Ewen			32		_	∞	7	9	2	4	4	3	7	42	-	43
Handsworth			50			9 /	2	4	4	3		3	7	31	∞	39
Liege			12				5	4	٣	7	7	7	-	23	-	24
Medicine River Glauconitic A Unit No. 4			0			0 0	0	0	0	0	0	0	0	-		-
Medicine River Non-Unit			44	64	66 48		32	28	23	20	15	13	17	147	43	190
Medicine River Unit No. 4			_	_	_	-	-	-	0	0	0	0	0	3	-	4
Medicine River Viking D Unit No. 2			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Michichi			39				22	61	16	14	12	10	6	96		113
Weirhill			27	63	53 44	1 38	33	59	56	21	11	91	4	150	33	183
Westerose			4				56	23	21	19	18	91	14	114		182
Willesden Green Glauconitic A Unit No.1			4	3	3	3	2	2		-	-	-	-	6	0	6
Total Total Corporate			284	278 2.	251 202	167	145	127	110	93	79	70	19	681	174	855
ARTC/AGCA Adjusmtent			0	0	0	0 0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments			284	278 2:	251 202	791 7	145	127	110	93	42	70	19	189	174	855
	BOE Factors:	OIL	0000071	RES GAS SLN GAS	6.00000 S 6.00000		PROPANE 1.00000 BUTANE 1.00000		ETHANE SULPHUR	0.00000						

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Company: Millennium Energy Inc. Property: Corporate								Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) Constant January 01, 2003	31) Consta 03	ij			
Entity Description		50	2003 20	2004 20	2005 20	2006 20	2007 20	2008 20	2009 2010	2011	1 2012	2013	2014	Subtotal	Subtotal Remainder	Total
Total Corporate																
Chauvin			6	8	9	<b>~</b>	4	3	3	7	7	_	_	17	7	17
Condor Lower Mannville Natural Gas Unit No.			9	5	4	4	3	3	3	2	7	2		13	3	15
Craigend			4	3	3	_	0	0	0	0	0	0	0	_	0	4
Enchant			15	=	6	7	9	٧	4	4	3	7	_	7	2 0	25
Glen Ewen			31	61	13	10	∞	9	5	4	3		2	ñ	3 0	38
Handsworth			20	91	12	7	9	S	4	3	3		2 2	30	3 5	36
Liege			12	10	<b>«</b>	9	2	4	3	3	2	_	_	Ñ	- 1	21
Medicine River Glauconitic A Unit No. 4			0	0	0	0	0	0	0	0	0	0 0		0		0
Medicine River Non-Unit			41	34	53	24	21	81	16	14	12	10			7 32	611
Medicine River Unit No. 4			-	_	-	-	0	0	0	0	0				1	3
Medicine River Viking D Unit No. 2			0	0	0	0	0	0	0	0	0				0 (	0
Michichi			0	0	0	0	0	0	0	0	0		0 0			0
Weirhill			44	35	28	23	19	91	13	=	6	9 1		79		06
Westerose			41	36	33	56	27	24	22	20	17 1	16 14	13	107	7 59	166
Willesden Green Glauconitic A Unit No.1			4	3	3	3	2	2	2	-	-			∞	0	∞
Total Total Corporate			228	182	149	120	101	98	75	9	55 4	47 41	35	432	1111	543
ARTC/AGCA Adjusmtent			0	0	0	0	0	0	0	0	0	0 0	0		0 0	0
Total Corporate Incl. Adjustments			228	182	149	120	101	98	75	9	55 4	47 41	35	432	1111	543
	BOE Factors:	OIL	1,00000		RES GAS 6.0 SLN GAS 6.0	6.00000	PROPANE BUTANE	1.00000	ETHANE SULPHUR	_	0.00000					

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	1 -12-31) C 1, 2003	Constant				
Entity Description		2003	2004 2	2005	2006 2	2007 2	2008 2	2009 20	2010 20	2011 20	2012 2	2013 2	2014	Subtotal	Remainder	Total
Total Corporate																
Chauvin		6	∞	9	5	4	3	3	7	2	-	-	-	17		17
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	9	5	4	4	3	3	3	7	2	7	7	-	13	-	15
Craigend		4	3	3	-	0	0	0	0	0	0	0	0	4	0	4
Enchant		15	Ξ	6	7	9	5	4	4	3	2	-	-	25	0	25
Glen Ewen		31	61	13	10	œ	9	S	4	3	7	2	-	38	0	38
Handsworth		20	91	12	7	9	5	4	٣	3	3	7	2	30	5	36
Liege		12	10	∞	9	S	4	3	3	7		-	-	20	-	21
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	-	45	49	47	36	53	25	21	<u>8</u>	91	13	=	10	115	33	148
Medicine River Unit No. 4	4	-	-	_	_	<del>-</del>	0	0	0	0	0	0	0	2	-	3
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		35	33	59	56	23	20	17	15	13	Ξ	10	<b>∞</b>	88	15	103
Weirhill		20	48	39	32	28	23	20	17	4	12	01	6	110	18	128
Westerose		4	36	34	30	27	74	22	20	18	91	14	13	108	59	167
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	4	3	3	3	2	2	2	-	-	-	0	0	∞	0	8
Total Total Corporate		270	243	500	691	141	120	104	06	92	4	99	48	580	134	715
ARTC/AGCA Adjusmtent	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	iustments	270	243	500	169	141	120	104	90	91	2	99	8	280	134	715

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ETHANE 1.00000 SULPHUR 0.00000

PROPANE 1.00000 BUTANE 1.00000

RES GAS 6.00000 SLN GAS 6.00000

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OIL

BOE Factors:

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Expenses
Operating
Annual
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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Develop: Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Producing SEC (2002-12-31) Constant January 01, 2003	12-31) C	onstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 2	2010 20	2011 20	2012 20	2013 20	2014 Su	Subtotal Ren	Remainder	Total
Total Corporate																
Chauvin		37	35	33	56	24	21	81	4	=	6	∞	7	243	9	249
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	7	9	5	5	S	4	3	3	3	3	3	-	48	0	48
Craigend		13	12	Ξ	0	0	0	0	0	0	0	0	0	35	0	35
Enchant		24	21	20	18	11	91	91	15	15	0	0	0	162	0	162
Glen Ewen		31	23	70	18	91	91	15	12	7	7	_	0	166	0	166
Handsworth		27	22	61	=	6	8	<b>∞</b>	7	7	9	9	9	137	35	172
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	7	2	7	2	0	0	0	0	0	0	0	0	6	0	6
Medicine River Non-Unit	nit.	85	81	73	99	62	99	54	51	49	41	43	37	902	452	1157
Medicine River Unit No. 4	5.4	7	7	7	7	-	~	_	_	-	_	_	_	. 17	9	23
Medicine River Viking D Unit No. 2	D Unit No. 2	-	0	0	0	0	0	0	0	0	0	0	0	3	0	3
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		217	203	171	991	137	113	69	09	52	20	84	84	1335	122	1457
Westerose		19	28	55	22	49	46	40	38	35	33	32	31	529	426	955
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	13	12	12	12	∞	8	8	8	2	0	0	0	98	٥	98
Total Total Corporate		818	478	423	379	331	291	232	211	185	157	142	130	3476	1047	4523
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	518	478	423	379	331	291	232	211	581	157	142	130	3476	1047	4523

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Company: Millennium Energy Inc. Property: Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	: Class:	Total Proved Nonproducing SEC (2002-12-31) Constant January 01, 2003	ved ucing 2-12-31)	Constant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Subtotal	Remainder	Total
Total Corporate															
Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Michichi	40	40	37	36	34	32	30	78	27	25	24	23	377	195	571
Weirhill	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Willesden Green Glauconitic A Unit No. I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Total Corporate	40	40	37	36	34	32	30	28	27	25	24	23	377	195	571
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	40	9	37	36	34	32	30	28	27	25	24	23	377	195	571

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31 January 01, 2003	Proved Total SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009 2	2010 2	2011 20	2012 20	2013 20	2014 Sul	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		37	35	33	56	24	21	81	14	=	6	œ	7	243	9	249
Condor Lower Mannvill	Condor Lower Mannville Natural Gas Unit No.	7	9	S	S	8	4	3	3		~	3	_	84	0	48
Craigend		13	17	=	0	0	0	0	0	0	0	0	0	35	0	35
Enchant		24	21	20	18	17	16	91	15	15	0	0	0	162	0	162
Glen Ewen		31	23	20	18	91	16	15	13	7	7	-	0	166	0	166
Handsworth		27	22	19	=	6	∞	<b>∞</b>	7	7	9	9	9	137	35	172
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	7	7	7	7	0	0	0	0	0	0	0	0	6	0	6
Medicine River Non-Unit	Hit.	85	81	73	99	62	99	54	51	49	47	43	37	902	452	1157
Medicine River Unit No. 4	2.4	7	7	2	2	-	-	-	_	-	_	-	-	17	9	23
Medicine River Viking D Unit No. 2	D Unit No. 2	_	0	0	0	0	0	0	0	0	0	0	0	٣	0	3
Michichi		40	40	37	36	34	32	30	28	27	25	24	23	377	195	571
Weirhill		217	203	171	991	137	113	69	99	25	20	48	48	1335	122	1457
Westerose		19	28	55	25	49	46	40	38	35	33	32	31	529	426	955
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	13	12	12	12	∞	∞	<b>∞</b>	<b>«</b>	5	0	0	0	98	0	98
Total Total Corporate		558	518	460	415	365	322	292	239	212	182	191	153	3852	1242	5094
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ijustments	558	518	460	415	365	322	262	239	212	182	191	153	3852	1242	5094

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Expenses
Operating
Annual
Company

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Deporate  Lower Mannville Natural Gas Unit No.  Lower Mannville Natural Gas Unit No.  0 0 0 1  0 0 1  ven  onth	2006	2007		ŀ	2011	11 2012	2 2013	3 2014	4 Subtotal	otal Remainder	der Total	_
Lower Mannville Natural Gas Unit No. 0 1 1 1  Lower Mannville Natural Gas Unit No. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
Lower Mannville Natural Gas Unit No. 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	2	4	2	4	4	7	2	3	28	22	20
d 0 0 0 0 0 1 (en 1 1 1 1 orth orth orth 0 0 0 0 0	0	0	0	0	0	0	0	0	2	5	=	91
ven orth	. 10	0	0	0	0	0	0	0	0	11	0	Ξ
ven orth	_			-	_	_	15	15	15	51	_	53
outh outh		-	-	-	3	∞	7	12	7	45	8	52
	0		-	-	_		_	_	_	9	46	52
Liege 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4 0 0 0 0 0 1 2 0 0 0	-	2	0	0	0	0	0	0	0	3	0	3
Medicine River Non-Unit 0 1 6 7 6 1 2 3	7	9	-	7	3	3	4	3	7	42	267	309
Medicine River Unit No. 4 0 0 0 0 0 0 0 0 0 0 0 0			0	0	0	0	0	0	0	-	01	=
Medicine River Viking D Unit No. 2 0 0 0 0 0 0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	-	-
0 0 0 0 0 0		0	0	0	0	0	0	0	0	0	0	0
4 25			25	29	32	70	2	5			436	296
Westerose 0 0 1 2 2 3 6 4	2	. 5	3	9	4	4	4	2	~	32	125	157
Willesden Green Glauconitic A Unit No.1			4	4	0	3		9	4	33	3	36
Total Total Corporate 3 8 36 32 22 40 46 49			40	46	49	43	48	47	4	417	926	1347
ARTC/AGCA Adjusmtent 0 0 0 0 0 0 0 0 0 0			0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments 3 8 36 32 22 40 46 49			40	46	49	43	48	47	44	417	929	1347

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(MS)
Expenses
Operating
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Company: Mill Property: Cor	Millennium Energy Inc. Corporate						Reserve I Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	ng 2-31) Co 2003	nstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 20	2010 2011	11 2012	2 2013	13 2014		Subtotal Rema	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	atural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic	A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		3	28	40	32	56	25	22	18	17	6	∞	∞	235	30	597
Medicine River Unit No. 4		0	0	-	_	-	0	0	0	0	0	0	0	4	3	7
Medicine River Viking D Unit No. 2	nit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		9	9	9	\$	4	3	7	7	2	-	_	-	39	12	51
Weirhill		4	33	31	30	50	28	27	56	25	25	25	24	316	195	511
Westerose		0	0	5	4	3	7	7	2	7	_	0	0	20	0	20
Willesden Green Glauconitic A Unit No.1	c A Unit No.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Total Corporate		24	19	83	71	62	57	53	48	46	37	34	33	615	239	854
ARTC/AGCA Adjusmtent	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ments	24	<i>L</i> 9	83	71	62	57	53	84	46	37	34	33	615	239	854

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Company

Company: Millennium Energy Inc. Property: Corporate	inergy Inc.						Rese Dev Prici Effe	Reserve Class: Development Class: Pricing: Effective Date:	lass:	Probable Total SEC (2002-12-31) Constant January 01, 2003	2-12-31) ( 11, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011 2	2012	2013 2	2014 St	Subtotal Re	Remainder	Total
Total Corporate		c	-	-	ć	C	4	ć	4	4	,	r	~	28	22	05
Condor Lower Mannville Natural Gas Unit No.	Unit No.	0	0	. 0	10	0	. 0	0	0	. 0	0	0	2	'n	<b>:</b> =	91
Craigend		0	0	0	10	0	0	0	0	0	0	0	0	Ξ	0	Ξ
Enchant		0	0	_	-	-	-	-		-	15	15	15	51	-	53
Glen Ewen		-	-	-	-	-	-	-	3	∞	7	12	7	45	<b>∞</b>	52
Handsworth		0	0	0	0	-	-	-	-	-	-	-	-	9	46	52
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	4.	0	0	0		2	0	0	0	0	0	0	0	3	0	3
Medicine River Non-Unit		3	29	46	38	32	56	24	21	20	12	Ξ	4	277	297	574
Medicine River Unit No. 4		0	0	-	-	-	-	-	0	0	0	0	0	s	13	18
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	0		_
Michichi		9	9	9	\$	4	3	2	7	2	-	-	-	39	12	51
Weirhill		15	37	99		31	52	99	28	46	30	50	28	476	631	1107
Westerose		0	0	9		5	2	8	9	9	S	7	3	52	125	177
Willesden Green Glauconitic A Unit No.1	0.1	0	0	0		4	4	4	٥	3		9	4	33	£0	36
Total Total Corporate		26	75	119	103	84	76	66	86	68	84	81	77	1032	1168	2201
ARTC/AGCA Adjusmtent	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments		26	75	611	103	84	97	66	86	68	84	81	11	1032	8911	2201

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(MS)
Expenses
Operating
Annual
Company

Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prob Producing SEC (2002-12-31) January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	ole Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009 2	2010 2	2011 2	2012 2	2013 2	2014 S	Subtotal Ren	Remainder	Total
Total Corporate																
Chauvin		38	36	34	59	56	25	20	19	14	=	01	6	172	53	536
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	7	9	9	5	2	\$	4	4	3	3	м	М	53	Ξ	2
Craigend		13	12	=	01	0	0	0	0	0	0	0	0	46	0	46
Enchant		24	22	20	61	81	17	17	91	91	15	15	15	214		215
Glen Ewen		31	24	21	16	17	91	91	15	15	15	13	7	210	∞	218
Handsworth		27	22	61	=	9	6	∞	∞	7	7	7	9	143	81	224
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	2	2	7	2	2	0	0	0	0	0	0	0	12	0	12
Medicine River Non-Uni	.=	85	81	79	73	69	23	99	25	25	51	46	44	748	416	1466
Medicine River Unit No.	4	2	2	2	2	2	-	-	-	_	-	-	-	18	91	34
Medicine River Viking D Unit No. 2	Unit No. 2	-	-	0	0	0	0		0	0	0	0	0	4	-	4
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		218	207	961	174	140	138	26	92	72	55	53	51	1495	258	2053
Westerose		19	28	99	\$4	51	49	46	43	39	38	34	33	260	551	1111
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	13	12	12	12	12	12	12		8	8	9	4	119	3	122
Total Total Corporate		520	486	458	411	353	331	278	260	228	204	681	174	3893	1976	5870
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	justments	520	486	458	411	353	331	278	260	228	204	681	174	3893	9261	5870

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Expenses
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Company A

		•		4	)	•										
Сотрапу: Ргорету:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	: Probabl ing 12-31) Cc , 2003	e onstant				
Entity Description		2003	2004	2005	2006	2007 20	2008 2	2009 20	2010 20	2011 20	2012 20	2013 20	2014 Si	Subtotal	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	unitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	Init	3	28	40	32	56	25	22	18	17	6	∞	∞	235	30	265
Medicine River Unit No. 4	10.4	0	0	-	-	_	0	0	0	0	0	0	0	4	3	7
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		46	46	43	4	38	35	32	30	28	27	25	24	416	206	622
Weirhill		14	33	31	30	53	28	27	56	25	25	25	24	316	195	511
Westerose		0	0	S	4	m	7	7	7	2	_	0	0	20	0	20
Willesden Green Glauconitic A Unit No.1	conitic A Unit No.1	0	0		0	0	0	0	0	0	0	0	0	0	0	0
Total Total Corporate		2	107	120	107	96	68	83	11	73	62	28	99	166	434	1425
ADTC/AGCA Adjustment	fant	c	c	c	c	c	c	c	-	c	c	•	c	c	0	C
AN I C/AUCA Adjusiii	-				}	}				,     	)   	1	<b>?</b>			
Total Corporate Incl. Adjustments	ldjustments	45	107	120	101	96	68	83	11	73	62	88	99	991	434	1425

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Expenses
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Company

Сопрапу: Ргорету:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prob Total SEC (2002-12-31) January 01, 2003	Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	le onstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009 2	2010 2	2011 2	2012 20	2013 20	2014 Su	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		38	36	34	59	56	25	70	19	4	=	10	6	271	53	299
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	7	9	9	5	S	5	4	4	3	3	3	3	53	=	64
Craigend		13	12	=	10	0	0	0	0	0	0	0	0	46	0	46
Enchant		24	22	20	61	18	11	17	91	91	15	15	15	214	_	215
Glen Ewen		31	24	21	19	17	91	16	15	15	15	13	7	210	∞	218
Handsworth		27	22	19	=	01	6	œ	∞	7	7	7	9	143	8	224
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	2	2	2	2	7	0	0	0	0	0	0	0	12	0	12
Medicine River Non-Unit	.==	88	109	119	105	95	82	78	73	69	09	54	51	686	748	1731
Medicine River Unit No. 4	4.	2	2	2	7	7	2	7	7	7	2	_	-	22	16	4
Medicine River Viking D Unit No. 2	O Unit No. 2	-	-	0	0	0	0	0	0	0	0	0	0	4	_	4
Michichi		46	46	43	4	38	35	32	30	28	27	25	24	416	506	622
Weirhill		232	240	227	204	169	165	124	118	86	80	11	75	1811	753	2564
Westerose		19	28	19	28	\$	51	48	4	40	36	34	33	, 581	551	1132
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	13	17	12	12	12	12	12	»	∞	8	9	4	119	8	122
Total Total Corporate		584	593	578	518	449	420	361	337	301	266	248	230	4885	2410	7295
ARTC/AGCA Adjusmtent	int	0	0	0	0	0	0	0	0	0	0	0	0	0	0	٥
Total Corporate Incl. Adjustments	justments	584	593	578	518	449	420	361	337	301	266	248	230	4885	2410	7295

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(MS)
g Expenses
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Company

Company: M Property: C	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class; Pricing: Effective Date:		Established Producing SEC (2002-12-31) January 01, 2003	Established Producing SEC (2002-12-31) Constant January 01, 2003	onstant				
Entity Description		2003	2004	2005 2	2006 20	2007 2	2008 20	2009 20	2010 2011		2012 20	2013 20	2014 Su	Subtotal Rem	Remainder T	Total
Total Corporate																
Chauvin		38	35	33	28	25	23	61	17	13	91	6	<b>∞</b>	257	81	274
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	7	9	9	5	2	S	4	33	ъ	٣	3	2	51	5	99
Craigend		13	12	=	5	0	0	0	0	0	0	0	0	41	0	4
Enchant		24	21	20	16	18	11	91	91	15	∞	∞	7	188		189
Glen Ewen		31	24	20	18	17	91	15	14	=	Ξ	7	4	188	4	192
Handsworth		27	22	61	Ξ	01	6	∞	7	7	7	9	9	140	58	198
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	ic A Unit No. 4	7	2	2	2	-	0	Q	0	0	0	0	0	01	0	01
Medicine River Non-Unit		85	81	9/	70	6.5	27	55	53	51	49	45	4	727	585	1312
Medicine River Unit No. 4		7	7	7	7	_	-	-	_	-	-	-	-	17	=	56
Medicine River Viking D Unit No. 2	Unit No. 2	-	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		217	205	183	170	139	125	83	9/	62	23	15	20	1415	340	1755
Westerose		19	28	55	23	20	47	43	40	37	35	33	32	545	488	1033
Willesden Green Glauconitic A Unit No.1	rtic A Unit No.1	13	12	12	12	2	01	01		7	4	3	2	103	-	9
Total Total Corporate		519	482	440	395	342	311	255	236	207	180	991	152	3685	1512	9615
ARTC/AGCA Adjusmtent	,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	istments	519	482	440	395	342	311	255	236	207	180	991	152	3685	1512	5196

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Annual Operating Expenses (MS)
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Company: Property:	Millennium Energy Inc. Corporate						Reserve C Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	(2-31) Co 2003	nstant				
Entity Description		2003	2004	2005	2006	2007 2	2008 20	2009 20	2010 20	2011 2012	- 1	2013 20	2014 Su	Subtotal Ren	Remainder T	Total
Total Corporate																
Chauvin		38	35	33	28	52	23	19	11	12	01	6	∞	257	<u>&amp;</u>	274
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	7	9	9	5	S	5	4	3	m	3	м	7	51	\$	99
Craigend		13	12	Ξ	2	0	0	0	0	0	0	0	0	4	0	4
Enchant		24	21	70	19	18	17	91	91	15	<b>∞</b>	<b>∞</b>	7	188	-	189
Glen Ewen		31	24	20	18	17	16	15	14	=	=	7	4	188	4	192
Handsworth		27	22	19	=	10	6	∞	7	7	7	9	9	140	28	198
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	2	2	2	2	-	0	0	0	0	0	0	0	01	0	9
Medicine River Non-Unit	ait	98	95	96	82	79	69	99	62	26	53	49	4	844	009	1444
Medicine River Unit No. 4	4.0	2	2	2	2	7	7	-	_	-	-	-		61	13	32
Medicine River Viking D Unit No. 2	D Unit No. 2	-	0	0	0	0	0	0	0	0	0	0	0	4	0	4
Michichi		43	43	40	38	36	33	31	53	28	56	25	24	396	200	297
Weirhill		224	222	661	185	153	139	96	68	75	65	63	62	1573	437	2010
Westerose		19	28	28	25	25	48	4	4	38	36	33	32	555	488	1043
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	13	12	12	12	01   	02	01		7	4	3	2	103	-	104
Total Total Corporate		571	555	519	466	407	371	312	288	257	224	207	192	4369	1826	6194
ARTC/AGCA Adjusmtent	ent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	178	555	519	466	407	371	312	288	257	224	207	192	4369	1826	6194

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Company: Mill Property: Cor	Millennium Energy Inc. Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	Nass:	Proved Producing SEC (2002-12-31 January 01, 2003	Proved Producing SEC (2002-12-31) Constant January 01, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	5009	2010	2011	2012	2013 2	2014 S	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		0	0	7000	0	0	4500	0	0	0	0	0	0	11500	0	11500
Condor Lower Mannville Natural Gas Unit No.	itural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	nit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	00009	0	0	0	0	0	0	0	0	00009	0	00009
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	: A Unit No.1	0	0	0	0			٥	٥		٥	0	0	0	0	0
Total Total Corporate		0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500
ARTC/AGCA Adjusmtent	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	nents	0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500

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Expenditures
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Company

Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Total Proved Nonproducing SEC (2002-12-31) Constant January 01, 2003	g 2-31) Cor 2003	stant				
Entity Description		2003	2004	2005 2	2006 20	2007 2	2008 20	2009 2010	10 2011	1 2012	2 2013	3 2014	Subtotal	ıtal Remainder		Total
Total Corporate		¢	c	c	(	c	c	•	¢	c	<	c	¢	ć	c	c
Condor Lower Mannville Natural Gas Unit No	e Natural Gas Unit No	o	00	•	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	.=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		00006	0	0	0	0	0	0	0	0	0	0		00006	0	00006
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1		0	0	0		0	0	0	0	0	0	0	0	0	٥
Total Total Corporate		00006	0	0	0	0	0	0	0	0	0	0	6 0	00006	0	00006
ARTC/AGCA Adjusmtent	ï	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	justments	00006	0	0	0	0	0	0	0	0	0	0	6	00006	0	00006

p/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC13\_cpe.htm

Company: N Property: C	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) Constant January 01, 2003	12-31) C , 2003	onstant					
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 20	2011 20	2012 20	2013 20	2014 Su	Subtotal Re	Remainder	Total	
Total Corporate																	
Chauvin		0	0	7	0	0	S	0	0	0	0	0	0	12	0	12	
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Glauconii	ic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Non-Unit		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Unit No.	<b>V</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Michichi		96	0	0	0	0	0	0	0	0	0	0	0	96	0	90	
Weirhill		0	0	0	09	0	0	0	0	0	0	0	0	99	0	9	
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Willesden Green Glauconitic A Unit No.1	itic A Unit No.1	0	0	0	0		0	0	0	0	0	0	0	0	0	0	
Total Total Corporate		8	0	7	09	0	S	0	0	0	0	0	0	162	0	162	
ARTC/AGCA Adjusmtent		0	0	0	0			0	0	0	0	0	0	0	0	0	
Total Corporate Incl. Adjustments	ustments	06	0	7	09	0	S	0	0	0	0	0	0	162	0	162	

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Company: Millennium Energy Inc. Property: Corporate	Inc.						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	lass:	Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	icing 2-12-31) 11, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 S	Subtotal	Remainder	Total
Total Corporate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		Ξ	70	0	0	0	3	0	0	0	0	0	0	<b>8</b>	2	98
Medicine River Unit No. 4		0	2	0	0	0	0	0	0	0	0	0	0	2	0	2
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		950	0	0	0	0	0	0	0	0	0	0	0	950	0	950
Westerose		0	0	2	0	0	0	0	0	0	0	0	0	5	0	5
Willesden Green Glauconitic A Unit No.1			0	0	0	0	0	0	0	0	0	0	0	°	0	0
Total Total Corporate		196	72	5	0	0	3	0	0	0	0	0	0	1041	2	1043
ARTC/AGCA Adjusmtent	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments		196	72	\$	0	0	3	0	0	0	0	0	0	1041	7	1043

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Company: Millennium Energy Inc. Property: Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	Class:	Probable Total SEC (2002-12-31) Constant January 01, 2003	2-12-31) 31, 2003	Constant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014 S	Subtotal Re	Remainder	Total
Total Corporate															
Chauvin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	11	70	0	0	0	3	0	0	0	0	0	0	84	2	98
Medicine River Unit No. 4	0	2	0	0	0	0	0	0	0	0	0	0	2	0	2
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	950	0	0	0	0	0	0	0	0	0	0	0	950	0	. 950
Westerose	0	0	5	0	0	0	0	0	0	0	0	0	5	0	5
Willesden Green Glauconitic A Unit No.1	0	0	0	0	0	0	0		0	0	0	0	0	0	0
Total Total Corporate	196	72	\$	0	0	3	0	0	0	0	0	0	1041	7	1043
ARTC/AGCA Adjusmtent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	961	72	2	0	0	ъ	0	0	0	0	0	0	1041	7	1043

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl\_\_Adjustments\_RC06\_cpe.htm

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	Jass:	Proved Plus Prot Producing SEC (2002-12-31) January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	ole Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010	2011	2012 2	2013 2	2014 S	Subtotal Re	Remainder	Total
Total Corporate																
Chauvin		0	0	7000	0	0	4500	0	0	0	0	0	0	11500	0	11500
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Un	=	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4	4.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	00009	0	0	0	0	0	0	0	0	00009	0	00009
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0	0		0	0	0	0	0	0	0	0	0	0	0	0
Total Total Corporate		0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500
ARTC/AGCA Adjusmtent	nt -	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ijustments	0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500

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## Company Annual Capital Expenditures (M\$)

Company: Property:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	s Probabl ing 12-31) Cc , 2003	e ınstant				
Entity Description		2003	2004	2005	2006 2	2007	2008 2	2009 2	2010 20	2011 20	2012 20	2013 2014		Subtotal Rem	Remainder T	Total
Total Cornerate																
Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	· 'E	=	70	0	0	0	3	0	0	0	0	0	0	84	2	98
Medicine River Unit No. 4	.0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	2
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		96	0	0	0	0	0	0	0	0	0	0	0	96	0	9
Weirhill		950	0	0	0	0	0	0	0	0	0	0	0	950	0	950
Westerose		0	0	5	0	0	0	0	0	0	0	0	0	S	0	S
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Total Total Corporate		1051	72	5	0	0	3	0	0	0	0	0	0	1131	2	1133
ARTC/AGCA Adjusmtent	lent	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	djustments	1051	72	5	0	0		0	0	0	0	0	0	1131	2	1133

p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC19\_cpe.htm

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Potation Description         2003         2004         2005         2006         2007         2008         2009         2010         2011         20           Total Corporate           Chauvin         0	Company: M Property: C.	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Prob Total SEC (2002-12-31) January 01, 2003	Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	le onstant				
er Mannville Natural Gas Unit No.  or Mannville No.  or Man	ntity Description		1	1	ŀ		!					2012 20	2013 20	2014 St	Subtotal Remainder	1	Total
er Mannville Natural Gas Unit No.  er Glauconitic A Unit No. 2  er Mannville Natural Gas Unit No.  er Mannville Natural Gas Company of the Co	ital Corporate																
er Mannville Natural Gas Unit No.  er Mannville Natural Gas Unit No.  er Mannville Natural Gas Unit No.  er Glauconitic A Unit No. 2  er Klaing D Unit No. 2  er Glauconitic A Unit No. 1  eren Glauconitic A Unit No. 1	hauvin		0	0	7	0	0	5	0	0	0	0	0	0	12	0	12
ver Glauconitic A Unit No. 4 ver Viking D Unit No. 2 ver Glauconitic A Unit No. 1 ver Glauconitic A Unit No. 2 ver Viking D Unit No. 2 ver Viking D Unit No. 2 ver Viking D Unit No. 1 ver Glauconitic A Unit No. 1 ver Glauconitic A Unit No. 1 ver Viking D Unit No. 2 ver Viking D Unit No. 3 ver Viking D Unit No. 3 ver Viking D Unit No. 3 ver Viking D Unit No. 4 ver Viking D Unit No. 4 ver Viking D Unit No. 4 ver Viking D Unit No. 5 ver Viking D Unit No. 5 ver Viking D Unit No. 9 ver V	ondor Lower Mannville	Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ver Glauconitic A Unit No. 4	aigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ver Glauconitic A Unit No. 4	ıchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	len Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	andsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 70 0 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0	edicine River Glauconit	ic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	edicine River Non-Unit		=	70	0	0	0	3	0	0	0	0	0	0	84	7	98
90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	edicine River Unit No. 4		0	2	0	0	0	0	0	0	0	0	0	0	2	0	2
90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	edicine River Viking D	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
950 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ichichi		06	0	0	0	0	0	0	0	0	0	0	0	06	0	96
	eirhill		950	0	0	99	0	0	0	0	0	0	0	0	1010	0	1010
0 0 0 0 0 0 0	esterose		0	0	v	0	0	0	0	0	0	0	0	0	5	0	2
	'illesden Green Glaucon.	tic A Unit No.1	0	٥	0	0	0	0	0	0	0	0	0	٥	0	0	0
Total Total Corporate 1051 72 12 60 0 8 0 0 0 0	stal Total Corporate		1021	72	12	09	0	∞	0	0	0	0	0	0	1203	2	1205
ARTC/AGCA Adjusmtent 0 0 0 0 0 0 0 0 0 0 0 0	RTC/AGCA Adjusmten	,	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments 1051 72 12 60 0 8 0 0 0 0	otal Corporate Incl. Adju	stments	1021	72	12	09	0	∞	0	0	0	0	0	0	1203	2	1205

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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) Constant January 01, 2003	d : :-12-31) ( 1, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	5006	2010	2011	2012	2013	2014 S	Subtotal R	Remainder	Total
Total Corporate																
Chauvin		0	0	7000	0	0	4500	0	0	0	0	0	0	11500	0	11500
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	ittic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		0	0	0	00009	0	0	0	0	0	0	0	0	00009	0	00009
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	mitic A Unit No.1	0	0	0	0	0	0	0		0		0	0	0	0	0
Total Total Corporate		0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500
ARTC/AGCA Adjusmtent	ont	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	justments	0	0	7000	00009	0	4500	0	0	0	0	0	0	71500	0	71500

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Company: N Property: C	Millennium Energy Inc. Corporate						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	12-31) C , 2003	onstant				
Entity Description		2003	2004 2	2005	2006 2	2007	2008 2	2009 2	2010 20	2011 20	2012 24	2013 20	2014 Su	Subtotal Remainder	1	Total
Total Corporate																
Chauvin		0	0	7	0	0	5	0	0	0	0	0	0	12	0	12
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	tic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		2	35	0	0	0	7	0	0	0	0	0	0	42	_	43
Medicine River Unit No. 4	4	0	-	0	0	0	0	0	0	0	0	0	0	_	0	-
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		06	0	0	0	0	0	0	0	0	0	0	0	06	0	96
Weirhill		475	0	0	09	0	0	0	0	0	0	0	0	535	0	535
Westerose		0	0	3	0	0	0	0	0	0	0	0	0	3	0	3
Willesden Green Glauconitic A Unit No.1	itic A Unit No.1	0	0	0	0	0	0	0	0	0	0	0	0	0	。   	0
Total Total Corporate		570	36	10	09	0	9	0	0	0	0	0	0	682	_	683
ARTC/AGCA Adjusmtent		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Corporate Incl. Adjustments	ustments	570	36	10	09	0	9	0	0	0	0	0	0	682	-	683

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Company: Millennium Energy Inc. Property: Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Producing SEC (2002-12-31) Constant January 01, 2003	-12-31) C 1, 2003	onstant				
Entity Description	2003	2004	2005	2006	2007	2008	2009	2010 2	2011 2	2012 2	2013 2	2014 St	Subtotal Re	Remainder	Total
Total Corporate															
Chauvin	65	48	27	27	20	=	13	∞	7	S	4	3	238	2	240
Condor Lower Mannville Natural Gas Unit No.	99	47	41	35	31	27	24	21	18	16	4	7	337	0	337
Craigend	34	25	18	0	0	0	0	0	0	0	0	0	78	0	78
Enchant	164	125	100	9/	28	4	35	76	19	0	0	0	647	0	647
Glen Ewen	238	149	105	79	62	48	37	25	14	=	7	0	1771	0	171
Handsworth	245	981	146	84	63	52	43	36	30	56	22	61	951	9/	1027
Liege	119	94	75	29	46	35	27	70	6	<b>∞</b>	7	9	203	S	209
Medicine River Glauconitic A Unit No. 4	2	2	-	-	0	0	0	0	0	0	0	0	2	0	5
Medicine River Non-Unit	391	312	252	207	173	146	123	106	92	9/	69	9	2008	364	2372
Medicine River Unit No. 4	6	7	9	5	4	3	33	2	7	2	-	-	45	ς.	20
Medicine River Viking D Unit No. 2			-	-	0	0	0	0	0	0	0	0	2	0	5
Michichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill	442	319	210	86	140	82	88	<i>L</i> 9	51	42	31	22	1598	25	1623
Westerose	316	281	252	222	198	175	155	139	122	110	66	68	2157	933	3090
Willesden Green Glauconitic A Unit No.1	37	30	24	16	13	=	6	∞   	ر ا	0	0	0	156	0	156
Total Total Corporate	2119	1625	1258	914	809	638	858	459	369	296	249	207	9501	1410	10911
ARTC	\$	4	3	-	-	-	-	0	0	0	0	0	91	0	91
Total Corporate Incl. Adjustments	2124	1629	1261	915	810	639	828	460	369	297	249	207	7156	1410	10927

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Company: Mil Property: Co.	Milkonium Energy Inc. Corporate						Reserve C Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Total Proved Nonproducing SEC (2002-12-31) Constant January 01, 2003	8 2-31) Cor 2003	ıstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 2	2010 2011	11 2012	2 2013	3 2014	4 Subtotal	ıtal Remainder	ider Total	la
:																
Total Corporate		c	•	•	c	•	c	c	c	c	4	c	c	c	c	•
Chauvin		0	0	>	>	⊋	>	>	)	>	>	>	•	>	>	>
Condor Lower Mannville Natural Gas Unit No.	latural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic	A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Viking D Unit No. 2	Jnit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		223	304	270	255	232	202	183	191	140	122	801		2298	390	5689
Weirhill		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Westerose		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Willesden Green Glauconitic A Unit No.1	ic A Unit No.1	0	0	0	0	0	0	٥	0	0	0	0	0	0	٥	0
Total Total Corporate		223	304	270	255	232	207	183	191	140	122	108	93	2298	390	2689
ARTC		32	56	24	19	15	11	6	9	S	4	2	2	159	9	165
Total Corporate Incl. Adjustments	iments	256	333	294	275	247	218	161	167	145	126	110	95	2457	396	2853

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# Company Annual Undiscounted Cash Flow (MS)

Сотрапу: Ргорену:	Millennium Energy Inc. Corporate						Reserve ( Developr Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Total SEC (2002-12-31) Constant January 01, 2003	12-31) Cc , 2003	nstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 2	2010 2011	- 1	2012 20	2013 20	2014 Su	Subtotal Ren	Remainder T	Total
Total Corporate																
Chauvin		99	48	27	27	20	Ξ	13	∞	7	2	4	3	238	2	240
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	99	47	4	35	31	27	24	21	81	91	14	7	337	0	337
Craigend		34	25	81	0	0	0	0	0	0	0	0	0	78	0	78
Enchant		164	125	100	9/	28	4	35	97	16	0	0	0	647	0	647
Glen Ewen		238	149	105	79	62	48	37	25	14	=	7	0	771	0	171
Handsworth		245	186	146	84	63	25	43	36	30	56	22	61	951	92	1027
Liege		119	94	75	89	46	32	27	20	6	∞	7	9	503	\$	209
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	7	7	-	-	0	0	0	0	0	0	0	0	S	0	S
Medicine River Non-Unit	Æ	391	312	252	207	173	146	123	106	6	9/	69	09	2008	364	2372
Medicine River Unit No. 4	. 4	6	7	9	2	4	3	٣	7	7	7	_	-	45	S	20
Medicine River Viking D Unit No. 2	D Unit No. 2	_	-	-	-	0	0	0	0	0	0	0	0	2	0	2
Michichi		223	304	270	255	232	207	183	191	140	122	108	93	2298	390	5689
Weirhill		442	319	210	86	140	85	88	29	51	42	31	22	1598	25	1623
Westerose		316	281	252	222	198	175	155	139	122	110	66	68	2157	933	3090
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	37	30	24	61	13	11	6	<b>8</b>	5	0	0	0	156	0	156
Total Total Corporate		2342	1930	1528	1169	1041	845	740	620	509	419	356	300	11800	1800	13599
, OF 4		o c	;	7	7	71	7	ď	٢	v	~	ŗ	ŗ	175	v	181
ARIC	•	8	5	07	17	2	71	`	,	,   		7	1			10
Total Corporate Incl. Adjustments	ljustments	2380	1963	1554	1190	1057	857	749	627	514	423	359	302	11974	1806	13780

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Company: Mill Property: Cor	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Producing SEC (2002-12-31) Constant January 01, 2003	, 2003	onstant				
Entity Description		2003	2004	2002	2006	2007 20	2008 20	2009 20	2010 20	2011 20	2012 20	2013 20	2014 Su	Subtotal Rema	Remainder	Total
Total Corporate																
Chauvin		2	4	9	7	S	4	5	9	5	3	3	7	52	7	89
Condor Lower Mannville Natural Gas Unit No.	atural Gas Unit No.	_	7	3	4	4	S	2	2	5	S	5	Ξ	56	28	114
Craigend		-	3	4	91	0	0	0	0	0	0	0	0	24	0	24
Enchant		7	2	6	=	12	13	4	14	14	27	22	18	162	-	163
Glen Ewen		∞	14	15	14	4	91	16	19	22	19	22	12	191	=	202
Handsworth		-		4	7	9	7	∞	∞	∞	<b>∞</b>	<b>«</b>	<b>«</b>	7.1	127	198
Liege		3	9	6	12	13	14	13	13	16	14	01	4	124	53	154
Medicine River Glauconitic A Unit No. 4	A Unit No. 4	0	0	0	0	-	0	0	0	0	0	0	0	7	0	7
Medicine River Non-Unit		<b>∞</b>	91	21	23	74	25	56	61	18	21	21	17	238	302	540
Medicine River Unit No. 4		0	0	-	-	-	-	-	-	_	-	-	_	<b>«</b>	12	50
Medicine River Viking D Unit No. 2	nit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	7
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		23	46	75	52	51	74	78	92	48	54	27	53	604	250	853
Westerose		2	9	6	13	14	17	8:	21	21	21	18	8.	179	368	246
Willesden Green Glauconitic A Unit No.1	c A Unit No.1	2	4	\$	9	6	∞	7	4	9	6	7	4	70	2	72
Total Total Corporate		53	601	160	162	154	184	061	185	164	152	44	125	1782	1168	2949
ARTC		0	0	0		0	0	0	0	0	0	0	0	3	0	3
Total Corporate Incl. Adjustments	ments	53	601	160	163	154	185	190	185	164	152	144	126	1785	1168	2952

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Company: Millennium Energy Inc. Property: Corporate	·						Reserve Develop Pricing: Effectiv	Reserve Class: Development Class: Pricing: Effective Date;		Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	cing -12-31) C 1, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 2	2011 2	2012 2	2013 2	2014 St	Subtotal Remainder	1	Total
Ç																
I otal Corporate Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit		5	165	293	182	124	107	95	65	49	56	61	15	1143	40	1183
Medicine River Unit No. 4		0	-5	2	7	7	-	-	-		-	_	-	11	3	14
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		89	63	63	20	37	34	31	27	24	70	91	15	446	<i>L</i> 9	513
Weirhill		-770	384	325	277	238	201	173	151	133	117	103	06	1423	434	1857
Westerose		0	0	22	14	∞	2	3	2	7	-	0	0	57	0	27
Willesden Green Glauconitic A Unit No.1	•	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Total Corporate		<b>L69-</b>	609	705	525	409	349	300	247	208	165	138	121	3079	544	3623
AGCA Adjustment ARTC		0 11	0 0	0 0	0 %	0 7	0 2	0 4	3	0 7	0 -	0 -	0 -	62	0 1	0 4
Total Corporate Incl. Adjustments		989-	620	714	534	416	354	304	249	210	166	140	121	3142	545	3687

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Сомрану: Ргоретсу:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Probable Total SEC (2002-12-31) Constant January 01, 2003	12-31) Ca 2003	nstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 21	2010 20	2011 2012	-	2013 20	2014 Sul	Subtotal Ren	Remainder	Total
Total Corporate		,		,	1	,			,	,	,	,		;	ı	1
Chauvin		7	4 (	9 ,		Λ·	4 4	Λ <b>u</b>	φ,	Λ·	~ ·	~) ¥	7 :	25	- 03	ς <u>:</u>
Condor Lower (Mannyllie (Matural Gas Unit 100.) Craigend	e Inatural Gas Unit No.		7 19	J 4	16	4 0	n 0	n 0	n 0	n 0	n 0	n 0	- 0	8 <del>2</del>	ဇ္ဂ ဝ	24
Enchant		2	8	6	=	12	13	14	- 41	4	27	22	81	162	_	163
Glen Ewen		œ	4	15	14	14	91	91	61	22	61	22	12	161	=	202
Handsworth		_	3	4	2	9	7	∞	∞	∞	∞	<b>«</b>	∞	71	127	198
Liege		3	9	6	12	13	7	12	13	16	14	01	4	124	53	154
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	-	0	0	0	0	0	0	0	7	0	2
Medicine River Non-Unit	-	13	181	314	506	147	132	811	84	29	47	41	32	1381	342	1723
Medicine River Unit No. 4	4	0	-5	3	3	33	7	2	7	7	2	7	-	61	- 15	34
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Michichi		89	63	63	20	37	34	31	23	24	50	91	15	446	29	513
Weirhill		-747	429	401	329	289	276	251	227	181	140	130	120	2026	684	2710
Westerose		2	9	30	27	22	22	77	23	22	22	18	18	235	368	603
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	2	4	8	9	6	∞	7	4	9	6	7	4	70	2	72
Total Total Corporate		-644	719	865	289	562	533	490	432	372	317	282	246	4861	1712	6573
AGCA Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTC	1	=	=	01	6	7	5	4	3	2		-	-	65	2	19
Total Corporate Incl. Adjustments	justments	-633	729	874	969	570	539	493	435	374	318	284	247	4926	1713	6640

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Company: M Property: C.	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:	,	Proved Plus Prot Producing SEC (2002-12-31 January 01, 2003	Proved Plus Probable Producing SEC (2002-12-31) Constant January 01, 2003	de onstant				
Entity Description		2003	2004	2005	2006	2007	2008 2	2009 2	2010 2	2011 2	2012 2	2013 2	2014 S	Subtotal Re	Remainder	Total
Total Cornorate																
Chauvin		19	52	33	34	25	15	81	7	12	∞	9	S	291	6	562
Condor Lower Mannville Natural Gas Unit No.	Natural Gas Unit No.	57	20	44	39	35	31	56	56	24	22	20	81	393	58	451
Craigend		35	28	22	91	0	0	0	0	0	0	0	0	101	0	101
Enchant		991	130	109	87	70	27	49	40	33	27	22	<u>*</u>	808	-	811
Glen Ewen		246	163	119	93	9/	64	53	45	37	30	74	12	362	=	973
Handsworth		246	189	150	98	20	29	51	4	38	34	30	27	1022	203	1225
Liege		121	100	84	71	29	20	39	33	25	71	17	6	879	35	662
Medicine River Glauconit	ic A Unit No. 4	2	2	-		-	0	0	0	0	0	0	0	7	0	7
Medicine River Non-Unit		399	327	273	231	197	171	149	125	110	86	6	77	2246	999	2912
Medicine River Unit No. 4		6	7	9	2	2	4	4	3	3	٣	5	7	23	17	20
Medicine River Viking D Unit No. 2	Unit No. 2	-	-		_	_	-	-	0	0	0	0	0	7	0	7
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		465	365	586	150	191	159	167	143	66	99	28	52	2201	275	2476
Westerose		318	287	760	236	212	192	173	160	142	131	116	801	2336	1300	3636
Willesden Green Glauconitic A Unit No.1	rtic A Unit No.1	39	34	29	26	22	19	91	12	01	6	7	4	226	2	228
Total Total Corporate		2171	1735	1418	9201	962	823	747	644	533	449	393	333	11283	2577	13860
ARTC		\$	4	3	2	-	-	1	-	0	0	0	0	19	0	19
Total Corporate Incl. Adjustments	Istments	2177	1739	1421	1078	964	824	748	645	533	449	393	333	11302	2578	13879

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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Nonproducing SEC (2002-12-31) Constant January 01, 2003	ing -12-31) C , 2003	onstant				
Entity Description		2003	2004	2002	5006	2007	2008 2	2009	2010 2	2011 20	2012 2	2013 2	2014 Su	Subtotal Re	Remainder	Total
, ,																
I otal Corporate Chauvin		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.	e Natural Gas Unit No.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craigend		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enchant		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Ewen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Handsworth		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Liege		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	itic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Medicine River Non-Unit	.=	2	165	293	182	124	107	92	9	49	56	61	15	1143	40	1183
Medicine River Unit No. 4	4	0	-7	7	7	2	-	-	_	_	_		_	=	3	14
Medicine River Viking D Unit No. 2	Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Michichi		292	367	333	305	569	24!	213	188	164	143	123	108	2745	457	3201
Weirhill		-770	384	325	277	238	201	173	151	133	117	103	96	1423	434	1857
Westerose		0	0	22	14	∞	5	3	7	7	-	0	0	27	0	27
Willesden Green Glauconitic A Unit No.1	nitic A Unit No.1	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Total Total Corporate		-473	914	975	181	42	555	483	407	348	287	246	214	5378	934	6312
AGCA Adiustment		<b>-</b>	<b>-</b>	<	•	<	<b>-</b>	c	c	c	_	c	c	c	C	C
ARTC		. 4	36	33	28	22	92	12	9	7		, 4	7	221	, ,	228
Total Corporate Incl. Adjustments	justments	-430	953	1008	808	699	572	495	417	355	292	250	216	5599	942	6540

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Company: Property:	Millennium Energy Inc. Corporate						Reserve ( Developn Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Proved Plus Probable Total SEC (2002-12-31) Constant January 01, 2003	us Proba 2-12-31) ( 11, 2003	ble Sonstant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 2	2011 2	2012	2013	2014	Subtotal R	Remainder	Total
Total Corporate																
Chauvin		19	52	33	34	25	15	81	4	12	∞	9	٧	291	6	565
Condor Lower Mannyi	Condor Lower Mannville Natural Gas Unit No.	57	20	44	39	35	31	53	56	74	22	70	18	393	58	451
Craigend		35	28	22	91	0	0	0	0	0	0	0	0	101	0	101
Enchant		991	130	109	87	70	57	49	40	33	27	22	18	809	-	811
Glen Ewen		246	163	119	93	9/	\$	53	45	37	30	24	12	396	=	973
Handsworth		246	189	150	98	20	59	51	44	38	34	30	27	1022	203	1225
Liege		121	100	84	71	29	20	39	33	25	21	17	6	628	35	999
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	7	7	-	-	-	0	0	0	0	0	0	0	7	0	7
Medicine River Non-Unit	tia.	404	492	999	413	320	278	241	190	159	124	110	85	3389	200	4095
Medicine River Unit No. 4	0.4	6	S	∞	7	7	2	S	4	4	3	3	3	64	20	84
Medicine River Viking D Unit No. 2	D Unit No. 2	-	-	-	-	-	-	-	0	0	0	0	0	7	0	7
Michichi		262	367	333	305	569	241	213	188	164	143	123	801	2745	457	3201
Weirhill		-305	748	611	428	429	361	339	295	232	183	191	142	3624	709	4333
Westerose		318	287	282	250	220	197	177	162	144	132	911	108	2392	1300	3693
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	39	34	29	26	22	16	91	12	10	6	7	4	226	2	228
Total Total Corporate		8691	2648	2393	1856	1603	1378	1230	1052	881	735	639	547	09991	3511	20172
AGCA Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTC	•	49	43	36	30	23	17	13	2	7	5	4		240	8	248
Total Corporate Incl. Adjustments	djustments	1747	2692	2429	9881	1626	1395	1243	1062	888	741	643	549	16900	3519	20420

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Сопрану: Ргорегtу:	Millenaium Energy Inc. Corporate						Reserve Develop Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Producing SEC (2002-12-31) Constant January 01, 2003	12-31) C	onstant				
Entity Description		2003	2004	2005 2	2006 2	2007	2008 2	2009 2	2010 20	2011 20	2012 20	2013 20	2014 Su	Subtotal Ren	Remainder	Total
Total Corporate																
Chauvin		99	20	30	30	23	13	15	=	10	7	S	4	592	2	270
Condor Lower Mannville Natural Gas Unit No.	le Natural Gas Unit No.	99	49	42	37	33	53	76	24	21	19	17	13	365	56	394
Craigend		35	27	70	∞	0	0	0	0	0	0	0	0	90	0	90
Enchant		165	128	105	82	49	51	42	33	56	14	=	6	728		729
Glen Ewen		242	156	112	98	69	99	45	35	25	21	13	9	998	9	872
Handsworth		245	187	148	82	19	99	47	40	34	30	56	23	687	139	1126
Liege		120	16	8	65	52	43	33	56	17	15	12	7	265	70	286
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	2	7	-		0	0	0	0	0	0	0	0	9	0	9
Medicine River Non-Unit	-13	395	320	263	219	185	129	136	115	101	87	80	69	2127	515	2642
Medicine River Unit No. 4	. 4	6	7	9	5	4	4	3	3	7	7	7	7	49	=	9
Medicine River Viking D Unit No. 2	D Unit No. 2	-	-	-	-	-	-	0	0	0	0	0	0	9	0	9
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weirhill		454	342	248	124	166	122	127	105	75	54	45	37	1899	150	2049
Westerose		317	284	256	529	205	184	164	149	132	120	107	86	2246	1117	3363
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	38	32	27	22	81	15	13	10	7	4	3	2	161	-	192
Total Total Corporate		2145	1680	1338	995	988	730	652	552	451	373	321	270	10392	1993	12385
ARTC		5	4	3	2	-	-	-	0	0	0	0	0	17	0	18
Total Corporate Incl. Adjustments	justments	2150	1684	1341	166	887	731	653	552	451	373	321	270	10409	1994	12403

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Company: Property:	Millennium Energy Inc. Corporate						Reserve Developi Pricing: Effective	Reserve Class: Development Class: Pricing: Effective Date:		Established Total SEC (2002-12-31) Constant January 01, 2003	ed 2-12-31) ( 1, 2003	Constant				
Entity Description		2003	2004	2005	2006	2007	2008	2009	2010 2	2011	2012	2013	2014	Subtotal R	Remainder	Total
, i																
Total Corporate Chauvin		99	50	30	30	23	13	15	=	01	7	S	4	265	5	270
Condor Lower Mannvil	Condor Lower Mannville Natural Gas Unit No.	98	49	42	37	33	56	56	24	21	16	11	13	365	29	394
Craigend		35	27	20	∞	0	0	0	0	0	0	0	0	06	0	06
Enchant		165	128	105	82	\$	51	42	33	56	14	=	6	728		729
Glen Ewen		242	156	112	98	69	26	45	35	25	21	13	9	998	9	872
Handsworth		245	187	148	82	19	99	47	40	34	30	56	23	687	139	1126
Liege		120	6	80	65	25	43	33	56	17	15	13	7	265	20	286
Medicine River Glauconitic A Unit No. 4	nitic A Unit No. 4	2	2	-		0	0	0	0	0	0	0	0	9	0	9
Medicine River Non-Unit	ait ait	397	402	409	310	247	212	182	148	125	001	68	92	5698	535	3234
Medicine River Unit No. 4	p. 4	6	9	7	9	2	4	4	Э	33	Э	7	2	55	12	<i>L</i> 9
Medicine River Viking D Unit No. 2	D Unit No. 2	-	-	-	_	-	_	0	0	0	0	0	0	9	0	9
Michichi		258	336	301	280	251	224	861	174	152	132	115	100	2522	423	2945
Weirhill		69	534	4	263	284	223	214	181	141	113	96	82	2611	367	2978
Westerose		317	284	267	236	500	186	991	150	133	121	107	86	2275	1117	3391
Willesden Green Glauconitic A Unit No.1	onitic A Unit No.1	38	32	27	22	81	15	13	10	7	4	3	2	161	-	192
Total Total Corporate		2020	2289	1960	1513	1322	===	586	836	969	277	498	424	14230	2656	16885
AGCA Adjustment		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARTC	•	43	38	31	25	20	15	=	8	9	2	2	2	207	7	214
Total Corporate Incl. Adjustments	djustments	2063	2327	1661	1538	1342	1126	966	844	101	582	501	426	14437	2992	17100

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OFFICE OF INTERNATIONAL CORPORATE FINANCE

## MILLENNIUM ENERGY INC.

## RESERVES DETERMINATION AND ECONOMIC ANALYSIS OF CANADIAN OIL AND GAS PROPERTIES

**SUMMARY** 

Effective January 01, 2003

1035768

\_Gilbert Laustsen Jung Associates Ltd.

4100,400 - 3rd Avenue S.W., Calgary, Alberta, Canada T2P 4H2 (403) 266-9500 Fax (403) 262-1855

March 4, 2003

Project 1035768

Ms. Bonnie Nicol
Millennium Energy Inc.
2100, 144 - 4th Avenue S.W.
Calgary, Alberta
T2P 3N4

Dear Madam:

Re:

Millennium Energy Inc. Corporate Evaluation Effective January 1, 2003

Gilbert Laustsen Jung Associates Ltd. has completed an independent reserves determination and before income tax economic analysis of Millennium Energy Inc. oil and gas properties. The effective date of this evaluation is January 1, 2003.

This report has been prepared for Millennium Energy Inc. for the purposes of a corporate evaluation. No part of this report should be reproduced, distributed or made available to any other person, company, regulatory body or organization without the complete contents of the report.

Volume II of this report contains property level supplementary information including daily production volumes, annual operating costs, annual capital expenditures and annual undiscounted cash flow. This information is provided in CD format only on the CD included with this report.

It is trusted that this evaluation meets your current requirements. Should you have any questions regarding this analysis, please contact the undersigned.

Yours very truly,

GILBERT LAUSTSEN JUNG ASSOCIATES LTD.

ORIGINALLY SIGNED BY

Myron J. Hladyshevsky, P. Eng. Vice-President

MJH/jem Attachments

## **CORPORATE SUMMARY**

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\_Gilbert Laustsen Jung Associates Ltd.<sup>†</sup>

## INDEPENDENT PETROLEUM CONSULTANTS' CONSENT

The undersigned firm of Independent Petroleum Consultants of Calgary, Alberta, Canada has prepared an independent evaluation of the **Millennium Energy Inc.** Canadian oil and gas properties and hereby gives consent to the use of its name and to the said estimates. The effective date of the evaluation is **January 1, 2003.** 

In the course of the evaluation, Millennium Energy Inc. provided Gilbert Laustsen Jung Associates Ltd. personnel with basic information which included land data, well information, geological information, reservoir studies, estimates of on-stream dates, contract information, current hydrocarbon product prices, operating cost data, capital budget forecasts, financial data and future operating plans. Other engineering, geological or economic data required to conduct the evaluation and upon which this report is based, was obtained from public records, other operators and from Gilbert Laustsen Jung Associates Ltd. nonconfidential files. The extent and character of ownership and accuracy of all factual data supplied for the independent evaluation, from all sources, has been accepted as represented. Gilbert Laustsen Jung Associates Ltd. reserves the right to review all calculations referred to or included in this report and to revise the estimates in light of erroneous data supplied or information existing but not made available which becomes known subsequent to the preparation of this report.

The accuracy of any reserves and production estimate is a function of the quality and quantity of available data and of engineering interpretation and judgment. While reserves and production estimates presented herein are considered reasonable, the estimates should be accepted with the understanding that reservoir performance subsequent to the date of the estimate may justify revision, either upward or downward.

Revenue projections presented in this report are based in part on forecasts of market prices, currency exchange rates, inflation, market demand and government policy which are subject to many uncertainties and may, in future, differ materially from the forecasts utilized herein. Present values of revenues documented in this report do not necessarily represent the fair market value of the reserves evaluated herein.

## PERMIT TO PRACTICE GILBERT LAUSTSEN JUNG ASSOCIATES LTD. ORIGINALLY SIGNED BY Signature: KEITH M. BRAATEN Date: March 4, 2003 PERMIT NUMBER: P 2066 The Association of Professional Engineers, Geologists and Geophysicists of Alberta

ORIGINALLY SIGNED BY DANA B. LAUSTSEN

Gilbert Laustsen Jung Associates Ltd.

-Gilbert Laustsen Jung Associates Ltd.

### INTRODUCTION

Gilbert Laustsen Jung Associates Ltd. (GLJ) was commissioned by Millennium Energy Inc. (Millennium) to prepare an independent determination of its corporate reserves. The evaluation was initiated in December 2002 and completed by February 2003. Millennium provided land, accounting data and recent engineering and geological data upon which this evaluation is based; most other information was available from public sources. Accounting and engineering data available to approximately September 2002 and October 2002, respectively, have been incorporated in this evaluation. In certain instances, data available to December 31, 2002, was reviewed.

The locations of the most significant reserves properties are indicated on the attached index map.

The evaluation was conducted on the basis of the GLJ January 1, 2003 Price Forecast. Property reports and the Summary section present the results with the GLJ January 1, 2003 Pricing. A constant price sensitivity was subsequently conducted to reflect December 31, 2002, prices held constant into the future with zero inflation.

Reserves and present value estimates as well as production/revenue projections for various reserves categories for both individual properties and consolidations of all properties are provided in the tabbed sections of this Summary Report.

Additionally, discussion is provided with respect to reserves definitions, evaluation procedures and price/market forecasts.

This evaluation incorporates processing income and the Alberta Royalty Tax Credits (ARTC) associated with eligible interests. This evaluation does not incorporate well and facility abandonment costs, general and administrative (G&A) costs and overhead recovery.

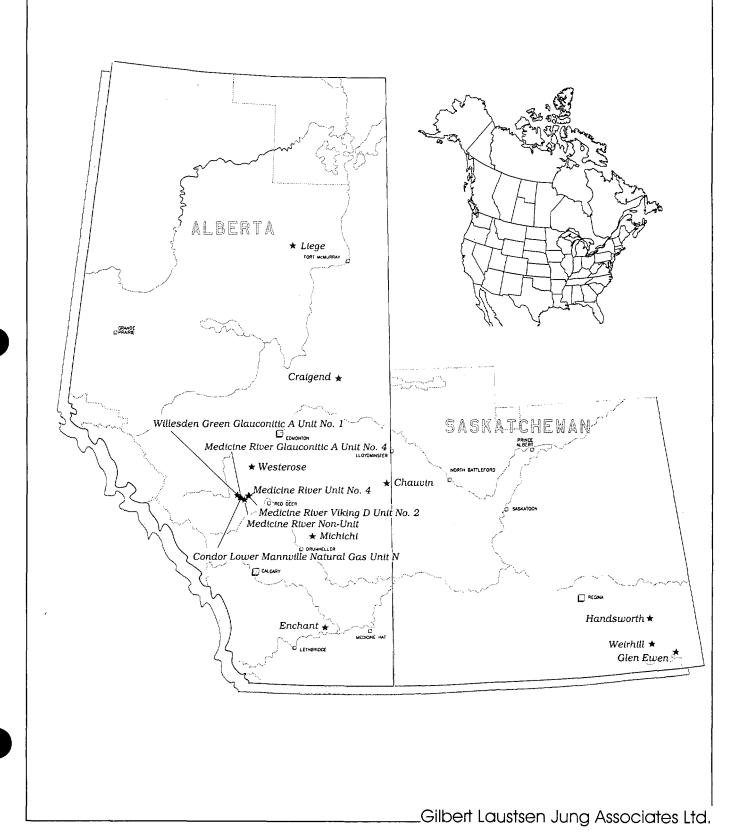
Undeveloped land values have not been included in this evaluation.

Gilbert	Laustsen	Juna	Associates	Itd
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## Map 1 Index Map Property Locations

Company: Millennium Energy Inc.
Property: Alberta / Saskatchewan

Effective Date: January 1, 2003 Scale: 1:7,500,000 indm01/s1035768



## **SUMMARY**

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\_Gilbert Laustsen Jung Associates Ltd.

TABLE 1
Summary of Reserves and Values

Company: Property:

Company: Millennium Energy Inc.

Corporate

Description: Total Corporate Incl. Adjustments

Pricing:

GLJ (2003-01)

Effective Date: January 01, 2003

MARKETABLE RESERVES	Proved Producing	Proved Developed Non- producing	Total Proved	Proved Plus Probable Producing	Total Proved Plus Probable	Total Established
WARRETABLE RESERVES						
Oil - MSTB						
Company Interest	195.5	91.7	287.3	256.8	443.2	365.2
Net After Royalty	174.6	72.9	247.5	229.5	388.8	318.2
Gas - MMCF						
Company Interest	1238	0	1238	1496	1779	1508
Net After Royalty	988	0	988	1199	1400	1194
Natural Gas Liquids - MSTB						
Company Interest	54.7	0.0	54.7	65.3	78.3	66.5
Net After Royalty	40.3	0.0	40.3	48.2	57.0	48.7
Oil Equivalent - MBOE						
Company Interest	456.5	91.7	548.3	571.5	818.0	683.1
Net After Royalty	379.6	72.9	452.5	477.6	679.2	565.8
BEFORE TAX PRESENT VALUE -	\$M					
0.0%	6515	1551	8066	8216	11694	9880
8.0%	4657	1045	5702	5477	7579	6640
10.0%	4390	964	5354	5108	6989	6172
12.0%	4162	895	5057	4798	6490	5774
15.0%	3874	808	4682	4414	5869	5275
18.0%	3635	737	4372	4102	5362	4867
20.0%	3497	696	4193	3925	5073	4633
FIRST 6 YEARS BEFORE TAX CAS	SH FLOW -	\$M				
2003	1607	168	1775	1649	1064	1420
2004	999	203	1202	1073	1673	1437
2005	683	164	847	776	1385	1116
2006	458	143	601	556	1031	816
2007	421	125	546	517	901	724
2008	324	111	435	430	767	601

Oil Equivalent Factors:

 Oil
 1.0
 bbl/boe

 Sales Gas
 6.0
 mcf/boe

 Condensate
 1.0
 bbl/boe

 Butane
 1.0
 bbl/boe

 Propane
 1.0
 bbl/boe

 Ethane
 1.0
 bbl/boe

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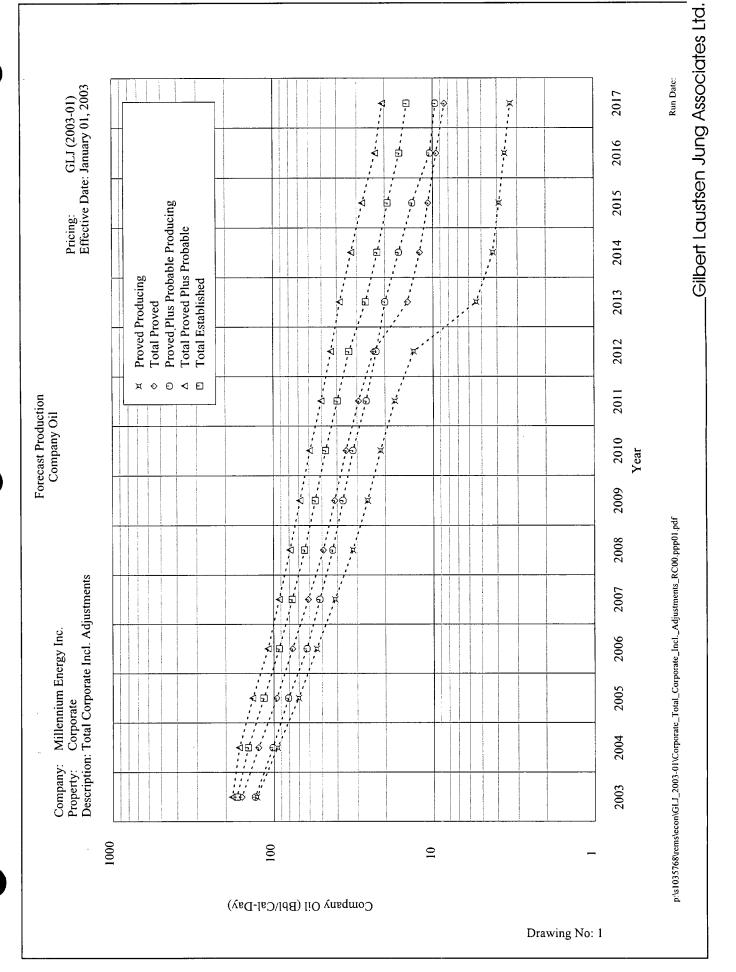
\_Gilbert Laustsen Jung Associates Ltd.

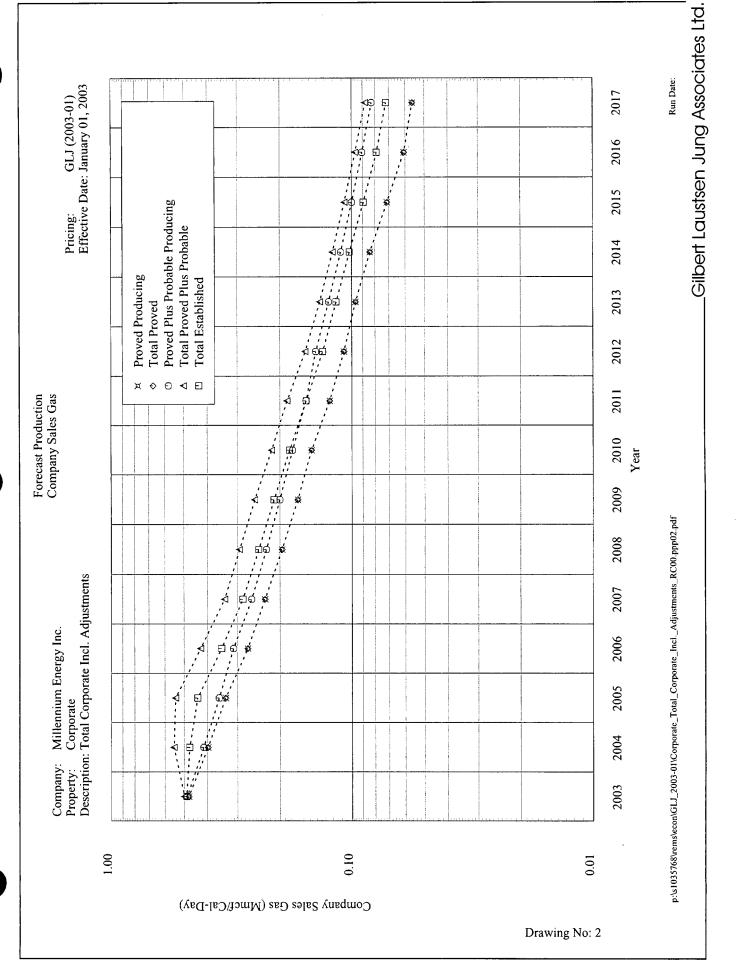
Table 2

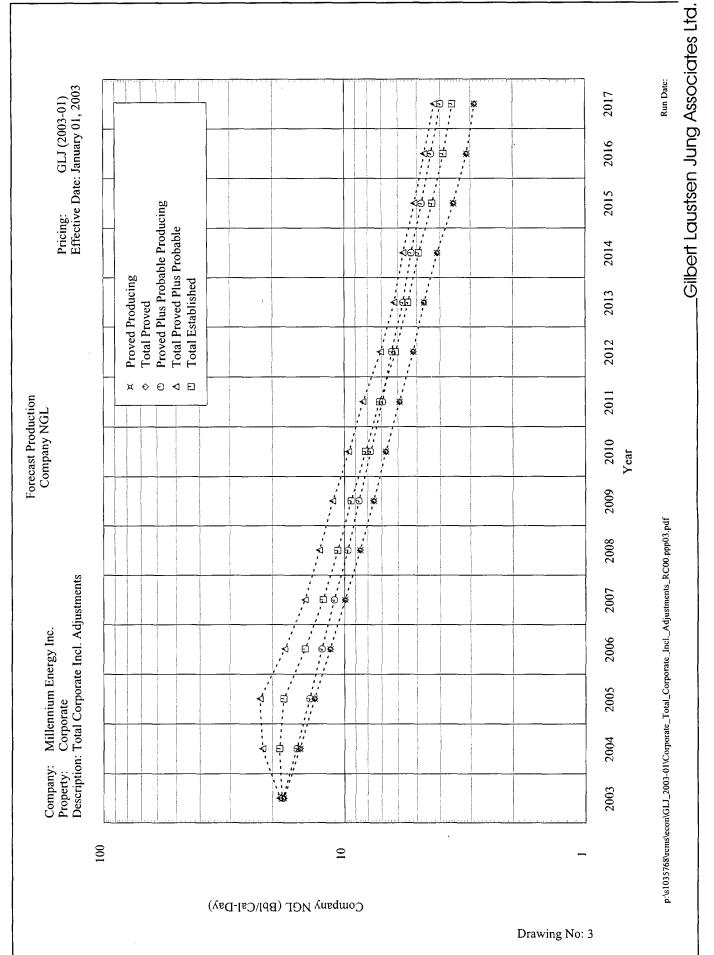
Summary
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Reserves a
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Company

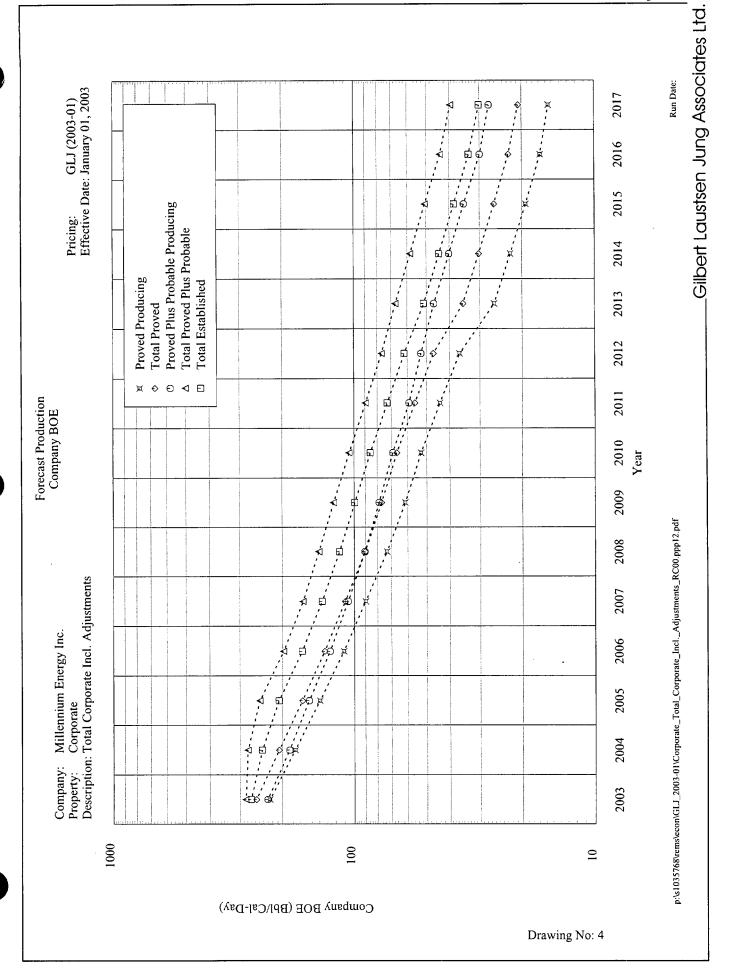
		Comp	Company Production, Reserves and Present Value Summary	oduc:	Hon, K	keserv	es and	1 Fres	ent V	alue S	nmm	ıry							
Company: Millennium Energy Inc. Property: Corporate									Res Dev Pric	Reserve Class: Development Class: Pricing: Effective Date:	s: t Class: te:	Various Classifications GLJ (2003-01) January 01, 20	Various Classifications GLJ (2003-01) January 01, 2003						
	2003 Cc	2003 Company Interest Prod'n	rest Prod'n		Cor	npany Int	Company Interest Reserves	srves		Ñ	Net After Royalty Reserves	yalty Res	erves	<u>~</u>	Reserve	Be	Before Income Tax	ne Tax	٥
Entity Description	Gas mcf/d	Oil N bbl/d	NGL BOE		Gas C Mmcf M	Oil N Mbbl M	NGL Sul Mbbl N	Sulphur B Mlt M	BOE (	Gas Mmcf N	Oii N Mbbl N	NGL Su Mbbl l	Sulphur H Mit N	BOE 1	Life Index – Yrs	Discoun 0%	Discounted Present Value MS	12% 1	15%
Proved Producing	479	128	81	226	1238	196	55	0	457	886	175	40	0	380	5.5	6515	4390	4162	3874
Proved Developed Nonproducing	0	31	0	31	0	92	0	0	92	0	73	0	0	73	8.1	1551	964	895	808
Total Proved	479	159	18	257	1238	287	55	0	548	886	248	40	0	452	5.8	9908	5354	5057	4682
Probable Producing	00	3	0	5	259	19	11	0	115	211	55	∞	0	86	8:59	1702	718	989	540
Probable Nonproducing	12	20	0	22	283	95	13	0	155	201	98	6	0	129	19.1	1927	918	798	647
Total Probable	20	23	-	27	541	156	24	0	270	412	141	17	0	227	27.4	3628	1635	1433	1187
Proved Plus Probable Producing	486	131	18	231	1496	257	9	0	572	6611	230	48	0	478	8.9	8216	5108	4798	4414
Proved Plus Probable Nonproducing	12	15	0	53	283	981	13	0	247	201	159	6	0	202	12.7	3478	1882	1693	1455
Total Proved Plus Probable	499	182	61	284	1779	443	78	0	818	1400	389	57	0	629	7.9	11694	6869	6490	5869
Established Producing	483	130	18	228	1367	226	09	0	514	1094	202	4	0	429	6.2	7366	4749	4480	4144
Total Established	489	171	18	270	1508	365	<i>L</i> 9	0	683	1194	318	49	0	995	6.9	0886	6172	5774	5275
	BOR	BOE Factors:	OIL	1.00000		RES GAS SLN GAS	6.00000	PROPANE BUTANE		1.00000 1.00000	ETHANE SULPHUR	1.00000							

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## PROVED RESERVES FORECASTS

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\_Gilbert Laustsen Jung Associates Ltd.

# **Summary of Reserves and Values**

Company: Millennium Energy Inc.

Property: Corporate Pricing:

GLJ (2003-01) Effective Date: January 01, 2003

Description: Total Corporate Incl. Adjustments

	Proved Producing	Total Proved Non- producing	Total Proved
MARKETABLE RESERVES			
Oil - MSTB			
Company Interest	195.5	91.7	287.3
Net After Royalty	174.6	72.9	247.5
Gas - MMCF			
Company Interest	1238	0	1238
Net After Royalty	988	0	988
Natural Gas Liquids - MSTB			
Company Interest	54.7	0.0	54.7
Net After Royalty	40.3	0.0	40.3
Oil Equivalent - MBOE			
Company Interest	456.5	91.7	548.3
Net After Royalty	379.6	72.9	452.5
BEFORE TAX PRESENT VALUE - \$	M		
0.0%	6515	1551	8066
8.0%	4657	1045	5702
10.0%	4390	964	5354
12.0%	4162	895	5057
15.0%	3874	808	4682
18.0%	3635	737	4372
20.0%	3497	696	4193
FIRST 6 YEARS BEFORE TAX CAS	H FLOW - \$M	[	
2003	1607	168	1775
2004	999	203	1202
2005	683	164	847
2006	458	143	601
2007	421	125	546
2008	324	111	435

#### Oil Equivalent Factors:

Oil	1.0	bbl/boe
Sales Gas	6.0	mcf/boe
Condensate	1.0	bbl/boe
Butane	1.0	bbl/boe
Propane	1.0	bbl/boe
Ethane	1.0	bbl/boe

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Value Summary	
erves and Present	
and	
, Reserves	
Production,	
Company ]	
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		)		}		,		 				•							
Company: Millennium Energy Inc. Property: Corporate									Re De	Reserve Class: Development Class: Pricing: Effective Date:	ss: t Class: te:	Proved Producing GLJ (2003-01) January 01, 20	Proved Producing GLJ (2003-01) January 01, 2003						
	2003	2003 Company Inter	Interest Prod'n	u,pc	0	Company Interest Reserves	nterest Re	serves		Ž	Net After Royalty Reserves	yalty Res	erves	Re	Reserve Life	Befc Discounte	Before Income Tax Discounted Present Value MS	e Tax Value M	s
Entity Description	Gas mcf/d	Oil bbl/d	NGL PPI/Q	BOE bbl/d	Gas	Oil 1	NGL St	Sulphur F	BOE Mbbi N	Gas Mmcf	Oil Mbbi	NGL Su Mbbi	Sulphur B Mlt N	BOE In		0% 10	10%	12%	15%
Total Corporate				ı		:		•	:	•	;	¢	•	;	•	Ş	:	5	į
Chauvin	0 %	6	o -	5	0 9	<u></u>	۰ د	0 0	13	<del>၁</del> င့	= <	<b>-</b>	<b>o</b> c	= =	0.4	80,	2 2	75	12 5
Condor Lower Mannville Natural Gas Unit No.	97			٥٦	6, 6		7 0		71	6 - 2	<b>-</b>	v C	<b>-</b>	2 "	2.4	15	55	54	245
Enchant	41	12 0	-	15	74	, 1	· <b>-</b>	0	22	17	91	· –	0	20	4.2	388	310	298	282
Glen Ewen	41	.,	0	31	16	31	0	0	34	13	25	0	0	27	3.0	491	400	386	368
Handsworth	J	20	0	20	0	32	0	0	32	0	53	0	0	50	4.3	617	457	437	410
Liege	71	0	0	12	110	0	0	0	18	110	0	0	0	<u>8</u> 1	4.3	399	305	291	274
Medicine River Glauconitic A Unit No. 4	0	0 (	0	0	0	0	0	0	0	0	0	0	0	0	1.9	_	_	-	-
Medicine River Non-Unit	136	5 12	9	40	301	31	4	0	95	242	27	=	0	79	6.4	1332	976	876	813
Medicine River Unit No. 4	_	_	0	-	3	-	0	0	7	7	-	0	0	2	5.9	74	18	17	16
Medicine River Viking D Unit No. 2	J	0	0	0	0	0	0	0	0	0	0	0	0	0	5.5	7	7	2	-
Michichi	)	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Weirhill	7	43	0	43	4	63	0	0	4	4	29	0	0	09	4.0	277	490	477	460
Westerose	184	0	01	40	694	0	37	0	153	529	0	56	0	114	10.4	2249	1146	1054	945
Willesden Green Glauconitic A Unit No.1		£ 1	0	4	4	9	0	0	اٰو	3	5	0	0	ر ا	4.8	99	55	53	21
Total Total Corporate	479	128	18	226	1238	196	55	0	457	886	175	40	0	380	5.5	6505	4382	4154	3866
ARTC	0	0	0	0	0	0	0	0	0	0	0		0	0	0.0	01	8		∞
Total Corporate Incl. Adjustments	479	128	18	226	1238	961	55	0	457	886	175	40	0	380	5.5	6515	4390	4162	3874
	-	BOE Factors:	: OIL		1.00000	RES GAS	6.00000	PROPANE			ETHANE	1.00000							
			COND		1.00000	SLN GAS	00000-9	BUTANE		1.00000	SULPHUR	0.00000							

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		)										•							
Company: Millennium Energy Inc. Property: Corporate	ú								S Q F P	Reserve Class: Development Class: Pricing: Effective Date:	iss: nt Class: ate:	Total Proved Nonproducing GLJ (2003-01) January 01, 20	Total Proved Nonproducing GLJ (2003-01) January 01, 2003						
	2003	Company	2003 Company Interest Prod'n	n'bo		Company Interest Reserves	nterest Re	eserves		4	let After R	Net After Royalty Reserves	erves	- Re	Reserve I ife	Bet	Before Income Tax Discounted Present Value MS	ne Tax nt Value N	Ş
Entity Description	Gas mcf/d	Oil bbl/d	NGL bbl/d	BOE bbl/d	Gas Mmcf	Oil	NGL S Mbbi	Sulphur Mlt	BOE Mbbl 1	Gas Mmcf	Oil Mbbl	NGL Su Mbbi	Sulphur Bo Mit M	BOE In		1 %0	%01	12%	15%
Total Corporate																			
Chauvin		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Condor Lower Mannville Natural Gas Unit No.		0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Craigend		0 0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Enchant		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Glen Ewen		0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Handsworth		0 0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Liege		0 0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	O O
Medicine River Glauconitic A Unit No. 4		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Medicine River Non-Unit		0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Medicine River Unit No. 4		0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Medicine River Viking D Unit No. 2		0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Michichi		0 31	0	31	0	92	0	0	92	0	73	0	0	73	8.	1458	895	829	747
Weirhill		0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Westerose		0 0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Willesden Green Glauconitic A Unit No. I		0 0		0	0	0	0	0	0	0	0	0	0	0	0.0	0	٥	٥	0
Total Total Corporate		0 31	0	31	0	92	0	0	92	0	73	0	0	73	8.1	1458	895	829	747
ARTC		0 0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	93	69	99	19
Total Corporate Incl. Adjustments		0 31	0	31	0	92	0	0	92	0	73	0	0	73	8.1	1551	964	895	808
		BOE Factors:			1.00000	RES GAS			(1)	1.00000	ETHANE								
			8	COND	1.00000	SEN GAS	9.00000	) BUTANE		1.00000	SULPHUR	0.00000							

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Summary
Value
Present
Reserves and Pres
ompany Production,
Company

Company: Millennium Energy Inc. Property: Corporate									Re De E	Reserve Class: Development Class: Pricing: Effective Date:	ss: t Class: te:	Proved Total GLJ (2003-01) January 01, 20	Proved Total GLJ (2003-01) January 01, 2003						
	2003	2003 Company Interest Prod'n	Interest Pr	u,po		Company Interest Reserves	Interest Re	serves		Z	Net After Royalty Reserves	yalty Res	erves	<u>م</u>	Reserve Life	Bef Discount	Before Income Tax Discounted Present Value M\$	e Tax t Value M	S
Entity Description	Gas mcf/d	Oil bbl/d	NGL PPI/4	BOE bbl/d	Gas	Oil	NGL S Mbbl	Sulphur B MIt M	BOE Mbbl N	Gas Mmcf N	Oil N Mbbl M	NGL Sul Mbbl N	Sulphur I	BOE I		1 %0	1 %01	12%	15%
Total Corporate	•	,	•	•		:	(	¢	:	c	-	c	c	Ξ	4	8	53	\$	2
Chauvin	0	2	0	ς.		<u> </u>	o (	o (	<u>:</u>	<b>&gt;</b> 9	= °	> <	> <	= =	<u>;</u> -	ָר ק	77	7 2	2 5
Condor Lower Mannville Natural Gas Unit No.	56	0	_	9		0	7	0	12	64	<b>-</b>	7	0 (	10	- O	157	<u>\$</u> ;	<u>6</u> :	747
Craigend	25		0	4		0	0	0	4 ;	8 !	0 }	o ·	o (	٠,	2.4	79	3.5	y 5	500
Enchant ·	14	12	_	15		11	_	0	77	17	9 ;	- (	<b>o</b> (	07	7.5	288	200	267	797
Glen Ewen	14	28	0	31	91	31	0	0 (	¥ ;	13	25	0 0	<b>-</b>	7.7	5.0	491	004	280	202
Handsworth	0	50	0	50		32	0 '	0 (	35	o :	29	<b>-</b>	<b>-</b>	67	4. 4. c	300	104	767	274
Liege	71	0	0	12	110	0	>	<b>o</b> ·	<u>×</u>	011	o (	<b>)</b>	<b>-</b>	9 9		,	- -	174	
Medicine River Glauconitic A Unit No. 4	0	0	0	0		0	0	0	; د	0 ;	<b>-</b> ;	⇒ :	0 0	<b>&gt;</b> 6	ę.,	- (;;	1 0	1 760	013
Medicine River Non-Unit	136	12	9	40	301	31	4	<b>o</b> 1	£,	242	17	= °	<b>-</b>	ς,	9. v	7661	076	0/0	210
Medicine River Unit No. 4	_	_	0	_	3	_	0	0	7	7		۰ د	<b>o</b> •	7	y.c	<del>†</del> ′	9 (	<u> </u>	2 -
Medicine River Viking D Unit No. 2	0	0	0	0		0	0	0	0	0	<b>-</b>	0	<b>o</b>	> i	5.5 . 6	7	7 00	7 0	- [
Michichi	0	31	0	31	0	92	0	0	6	0	73	0	0	57	×.	1458	668	678	/4/
Weirhill	4	43	0	43		63	0	0	49	4	26	0	0	9	4.0	2//	490	//4	400
Westerose	184	0	10	40	694	0	37	0	153	529	0	56	0	114	10.4	2249	1146	1054	945
Willesden Green Glauconitic A Unit No.1	2	<u> </u>	0	4	4	9	0	0	او	3	2	0	0	2	8.8	99	55	2	21
Total Total Corporate	479	159	18	257	1238	287	55	0	548	886	248	40	0	452	5.8	7963	5277	4983	4613
ARTC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	103		74	69
Total Corporate Incl. Adjustments	479	159	18	257	1238	287	55	0	548	886	248	40	0	452	5.8	9908	5354	2057	4682
		!				, ,				0000	37771112	00000							
	ž.	BOE Factors:		OIL	1.00000	SLN GAS	0000009	BUTANE		1.00000	SULPHUR	-							

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Company:

Millennium Energy Inc.

Property: Description:

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class:

Proved Producing GLJ (2003-01) January 01, 2003

Pricing: Effective Date:

#### PRODUCTION FORECAST

							KOD	CHO	NION	ECASI	L						
				Oil I	roductio	n			Total G	as Produ	ction			Conden	sate Prod	action	
V	Gross V	<u>.</u>	Daily	Compny Daily	Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price
Year ———	Oil	Gas	Stb	Stb	Stb	Stb	S/Bbl	Mcf	Mcf	Mmcf	Mcf	S/Mcf	Stb	Stb	Stb	Stb	\$/Bbl
2003	50	35	1010	128	46761	40679	33.50	12807	479		142102	5.27	144	4	1575	1173	38.68
2004	50	34	801	95	34758	30803	29.08	11021	399		118245	4.68	125	4	1351	1006	32.19
2005 2006	37 36	33 33	594 494	70 54	25553 19713	22803 17744	27.14 27.33	9514 8237	336 272	123 99		4.48 4.63	109 95	3	1175 1010	872 748	30.20 30.14
2007	29	29	386	41	15090	13688	27.41	7184	231	84		4.65	84	2	876	646	30.11
2008	26	26	322	32	11651	10533	27.77	6191	196	72		4.66	73	2	758	556	30.54
2009	23	23	268	26	9401	8499	28.21	5449	169	62		4.68	65	2	665	486	31.02
2010	21	21	225	21	7807	7087	28.70	4873	147	54		4.75	58	2	592	432	31.49
2011	19	20	192 159	17	6355 4828	5818 4495	29.05	4296	124	45 39		4.85	52 47	1 1	520	379	31.99
2012 2013	16 12	18 18	107	13 5	1971	1785	29.60 28.37	3883 3476	108 96	35		4.95 5.01	42	1	455 410	332 298	32.43 32.91
2014	10	17	90	4	1551	1415	28.74	2970	84	31	24022	5.05	36	i	358	259	33.36
Sub.	27	26	387	42	185441	165349	29.46	6658	220	964	774732	4.80	77	2	9746	7188	32.42
Rem.	2	4	13	1	10104	9269	31.38	744	20		213432	5.97	9	0	3366	2353	39.49
Tot.	8	10	103	11	195545		29.56	2163	68		988164	5.06	26	1	13112	9540	34.24
		*****	Buta	ne Produ	ction			Prop	ane Produ	etion			Etha	ane Produ	ction		
		Gross	Company	Compny	Net		Gross	Company	Compny	Net		Gross	Compan	Compny	/ Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bb1	
	2003	196	····	5 2280	1716	25.28	262		7 269:	2 2057	22.50	0		0	1 1	18.25	
	2003	171	5			19.53	226		5 230			0		0	1 1	16.25	
	2005	149	5			18.53	197		5 200			0		0	1 1	15.25	
	2006	131	4	146	7 1090	18.53	171		5 171	8 1297		0		0	1 0	15.75	
	2007	115	3			18.52	150		4 148			0			0 0		
	2008	100	3			19.02	130		4 128:			0			0 0		
	2009	89 80		3 96° 2 86°		19.52 20.02	115 103		3 112° 3 100°			0			0 0		
	2010 2011	72	2			20.52	92		2 87			0			0 0		
	2012	65		2 66		20.99	83		2 77			0		0	0 0		
	2013	58	2	2 59	9 438	21.49	75		2 69			0	)	0	0 0	0.00	
	2014	53	1		3 397	21.99	63		2 59			0		0	0 0		
	Sub.	107	3		0 10517	20.43	139		4 1656		18.65	0			5 4	16.29	
	Rem.	15		535		27.95	15		547			0		0	0 0		
	Tot.	37	1	1953	7 14337	22.49	45		1 2203	7 16388	20.32	0	l	0	5 4	16.29	
			Total N	NGL Prod	uction			Total Oil	+ NGL P	roduction	1		Total Oi	l Equiv. P	roduction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny			Gross	Compny	y Compny			
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/BOE	
	2003	602	18	8 654	9 4947	27.36	1613	14	6 5331	0 45626	32.74	3747	22	26 8244	5 69309	32.35	
	2004	522	15				1322			6 35033						28.06	
	2005	456	13				1050			3 26462		2636			7 43025		
	2006	398 349	11 10				891 736			9 20880 8 16398				1 4047 90 3277	5 34261		
	2007 2008	303	9				625							70 3277 73 2672			
	2009	268		3 276			536							51 2242			
	2010	241		7 245		22.11	467							3 1923			
	2011	216		5 215	5 1588	22.51	408				27.39	1124		14 1604	9 13310	28.19	
	2012	195		5 189			355					1002			7 11045		
	2013	175		5 170			282							26 954			
	2014	152		4 150			242		8 305					22 816			
	Sub.	323		9 4049			711			2 195538					0 324660		
	Rem.	39		1 1420			52			4 19349					8 54921		
/-1025	Tot.	107	T 2002 (		1 40269	24.43	210			5 214888		571	. 2	25 45652	.o 3/9582	29.30	

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### REVENUE AND EXPENSE FORECAST

		R	evenue Bef	ore Burde	ns		Royalty I		Gas Pro	_	Total	Net	Opei	ating Expe	nses
		Workin	g Interest		Royalty	Company	Pre-Proc	essing	Allow	ance	Royalty After	Revenue After			
	Oil	Gas	NGL+Sul	Total	Interest	Total	Crown	Other	Crown	Other	Process.	Royalty	Fixed	Variable	Total
Year	MS	MS	MS	MS	MS	M\$	MS	MS	MS	MS	M\$	MS	MS	M\$	MS
2003	1547	77:	5 172	2495	172	2667	224	201	6	-4	423	2244	341	176	518
2004	1000	583	3 118	1701	113	1814	149	128	6	-3	275	1540	344	141	485
2005	686	480	) 99	1265	80	1345	117	90	5	-2	204	1141	310	110	420
2006	533	403	85	1021	66	1087	98	68	4	-2	164	923	295	87	382
2007	412	34	7 74	833	48	881	84	52	4	-1	133	748	246	69	315
2008	322	30	1 66	689	34	724	73	43	4	-1	113	611	219	55	273
2009	264	26	5 60	588	25	613	65	36	3	0	98	515	165	46	211
2010	223	231	3 54	514	20	534	58	31	3	0	86	448	161	40	201
2011	183	210	) 48	442	11	452	51	25	3	1	73	380	150	35	184
2012	142	18	7 43	372	9	381	42	21	2	0	60	321	131	29	160
2013	55	170	0 40	264	8	272	38	16	2	0	51	221	64	22	87
2014	43	149	35	228	8	235	34	13	2	0	45	190	58	19	77
Sub.	5409	410	8 895	10412	594	11006	1033	722	44	-12	1724	9282	2484	829	3313
Rem.	311	162	1 420	2353	18	2371	430	67	24	4	469	1902	813	192	1005
Tot.	5720	5729	9 1316	12765	612	13376	1464	789	68	-8	2193	11183	3297	1021	4317
Disc	4018	286	623	7504	446	7949	736	532	30	-10	1248	6702	1677	594	2270

	Ot	her Expen	ses	Net											
				Prod'n	Other I	ncome		_	N	et Capital	Investment	:	Before	Tax Cash I	Flow
Year	Mineral Tax MS	Capital Tax MS	NPI Payment MS	M\$	Other M\$	ARTC M\$	Aband. Costs MS	Oper. Income M\$	Dev. M\$	Plant MS	Tang. MS	Total M\$	Annual M\$	Cum. M\$	12% Dcf M\$
2003	112	14		1601	3	4	0	1607	0	0	0	0	1607	1607	1519
2004	52	8	. 0	995	2	2	0	999	0	0	0	0	999	2606	2361
2005	29	5	. 0	687	2	1	0	691	0	0	7	7	683	3289	2876
2006	18	3	0	520	0	1	0	521	0	0	63	63	458	3747	3184
2007	<b>1</b> 1	3	0	420	0	1	0	421	0	0	0	0	421	4168	3437
2008	7	2	! 0		0	0	0		0	0	5	5	324	4492	3610
2009	5	2	! 0		0	0	0		0	0	0	0	298	4789	3753
2010	4	l	. 0		0	0	0	242	0	0	0	0	242	5031	3856
2011	3	1	. 0		0	0	0		0	0	0	0	191	5223	3929
2012	3	1	. 0		0	0	_		0	0	0	0	158	5380	3983
2013	2	(			0	0			0	0	0	0	132	5512	4023
2014	2	(	) (	112	0	0	0	112	0	0	0	0	112	5624	4053
Sub.	248	39	) 0	5682	6	10	0	5698	0	0	75	75	5624	5624	4053
Rem.	6	C	) 0	891	0	0	0	891	0	0	0	0	891	6515	4162
Tot.	254	39	0	6573	6	10	0	6589	0	0	75	75	6515	6515	4162
Disc	202	30	0	4199	5	8	0	4212	0	0	50	50	4162	4162	4162

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### RESERVE SUMMARY

		Rer	naining Res	erves at Ja	nuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Indi	c. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	1877	193	2	196	175	1.000	196	43	3 26.0	4.2	2.6
Solution Gas	Mmcf	2834	131	6	137	98	6.000	23	:	26.0	6.2	4.4
Residue Gas	Mmcf	36645	978	123	1101	890	6.000	183	4(	50.0	7.2	5.0
Total Gas	Mmcf	39478	1109	129	1238	988	6.000	206	45	50.0	7.1	4.9
	MMMBtu	40756	1143	0	1273	1017				50.0	7.1	4.9
Condensate	Mstb	468	13	0	13	10	1.000	13	3	50.0	8.3	5.7
Butane	Mstb	672	19	0	20	14	1.000	20	4	50.0	8.6	6.0
Propane	Mstb	819	22	0	22	16	1.000	22	:	50.0	8.2	5.6
Ethane	Mstb	0	0	0	0	0	1.000	0	(	9.0	4.7	2.8
Total NGL	Mstb	1959	54	1	55	40	1.000	55	10	50.0	8.4	5.8
Total Oil+NGL	Mstb	3836	247	3	250	215	1.000	250	5.5	50.0	4.7	3.0
Total Oil Eq.	Mstb	10416	432	24	457	380		457	100	50.0	5.5	3.7

### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc MS	% of Total
Oil	S/Stb	38.50	-5.00	33.50	4.36	8.86	2.16	18.13	5158	46	3602	2 54
Solution Gas	\$/Mcf	5.40	-0.38	5.02	1.32	0.21	0.06	3.43	487	4	275	5 4
Residue Gas	S/Mcf	5.40	-0.09	5.31	0.97	0.52	0.13	3.68	4531	41	2337	7 35
Total Gas	S/Mcf	5.40	-0.13	5.27	1.02	0.49	0.12	3.64	5018	45	2612	2 39
Condensate	\$/Stb	39.27	-0.59	38.68	9.56	3.92	0.32	24.87	337	3	167	7 2
Butane	\$/Stb	27.25	-1.97	25.28	6.19	2.70	0.59	15.80	330	3	154	<b>,</b> 2
Propane	\$/Stb	24.60	-2.10	22.50	5.28	2.27	0.62	14.33	340	3	166	5 2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.10	12.62	0	0	(	0 0
Total NGL	\$/Stb	29.05	-1.69	27.36	6.63	2.82	0.54	17.38	1007	9	487	7 7
Total Oil+NGL	\$/Stb	37.34	-4.60	32.74	4.64	8.12	1.96	18.03	6165	55	4090	61
Total Oil Eq.	\$/BOE	35.59	-3.25	32.35	5.15	6.28	1.53	19.39	11183	100	6702	100

#### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Vali	ie Beiore In	come 1ax	
Revenue Interests	and Burden	i (%)	Disc.	Prod'n	Operating	Capital	Cash Fl	low
	Initial	Average	Rate %	Revenue MS	Income M\$	Invest. MS	MS	\$/BOE
Working Interest	5.7940	4.1854	0.0	6573	6589	75	6515	14.27
Capital Interest	0.0000	24.6111	8.0	4700	4714	57	4657	10.20
Royalty Interest	0.3999	0.2006	10.0	4430	4444	53	4390	9.62
Crown Royalty	8.9932	11.4667	12.0	4199	4212	. 50	4162	9.12
Non-crown Royalty	8.0400	6.1802	15.0	3907	3920	46	3874	8.49
Mineral Tax	4.4854	1.9888	18.0	3665	3677	42	3635	7.96
NPI Payment	0.0000	0.0000	20.0	3524	3536	39	3497	7.66

Project......1035768

Entity......Total Corporate Incl. Adjustments (Proved Producing)

Run date....Thu Feb 27 2003 09:26:41 Evaluator...Hladyshevsky, Myron J.

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Company: Property: Description: Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class: Total Proved Nonproducing GLJ (2003-01)

Pricing: Effective Date:

January 01, 2003

#### PRODUCTION FORECAST

			Oil	Productio	n		~~~~	Total	Gas Produ	ction			Conden	sate Prod	uction	
Year	Gross Oil Wells	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mcf	Net Yearly Mcf	Price \$/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl
2003	1	52	31	11309	7773	35.25	0	C		0	0.00	0		) 0	0	0.00
2004	1	49	30	10799	7756	29.25	0	0	0	0	0.00	0		0	0	0.00
2005	1	43	26	9397	6961	27.25	0		0	0	0.00	0		) 0		0.00
2006	1	37	22	8177	6225	27.25	0		) (	0	0.00	0		) 0	. 0	0.00
2007	1	32	. 19	7115	5579	27.25	0		) (	0	0.00	0	C	) 0	· 0	0.00
2008	i	28	17	6191	4970	27.75	0			0	0.00	0		) 0	0	0.00
2009	i	25	16	5722	4710	28.25	0	. (		) 0	0.00	0		) (	0	0.00
2010	1	21	14	5001	4188	28.75	0	. (	0	) ' 0	0.00	0	C	) 0	0	0.00
2011	1	19	12	4351	3698	29.25	0		) (	0	0.00	0		) 0	0	0.00
2012	1	16	10	3786			0		) (	) 0	0.00	0		) (	0	0.00
2013	1	14				30.25	0	• (	) (	) 0		0		) (	) (	0.00
2014	1	12	8	2867	2530	30.75	0	(	0	0	0.00	0	0	) (	0	0.00
Sub.	1	29	18	78011	60536	29.38	0		0	0	0.00	0	0	) 0	) 0	0.00
Rem.	0	2	1	13719	12346	32.82	0		0	0	0.00	0	0	) 0	0	0.00
Tot.	0	8	5 5	91730	72882	29.90	0	• (	) (	0	0.00	0		0	0	0.00

		Buta	ne Produc	tion			Propa	ine Produ	ction			Etha	ne Produc	tion	
Year	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
2003	0		) C	0	0.00	C	) (	) (	) 0	0.00	C	) (	) (	0	0.00
2004	0		) (	0	0.00	C	. (	) (	0	0.00	0	) (	) (	0	0.00
2005	0		) (	0	0.00	C	) (	) (	0	0.00	0	) (	) (	0	0.00
2006	0		) (	0	0.00	C	) (	) (	) 0	0.00	C	) (	) (	0	0.00
2007	0		) (	0	0.00	C	) (	) (	) 0	0.00	(	) (	) (	) 0	0.00
2008	0	(	) (	0	0.00	C	) (	) (	) 0	0.00	(	) (	) (	) 0	0.00
2009	0	(	) (	0	0.00	C	) (	) (	) 0	0.00	(	) (	) (	0	0.00
2010	0		) (	0	0.00	C	) (	) (	0	0.00	0	) (	) (	0	0.00
2011	0	. (	) (	0	0.00	C	) (	) (	0	0.00	0	) (	) (	0	0.00
2012	0		) (	0	0.00	0	) (	) (	0	0.00	, 0	) (	) (	0	0.00
2013	0	. (	) (	0	0.00	C	) (	) (	) 0	0.00	0	) (	) (	0	0.00
2014	0		) (	0	0.00	C	) (	) (	0	0.00	(	) (	) (	0	0.00
Sub.	0	) (	) (	0	0.00	C	) (	) (	0	0.00	C	) (	) (	0	0.00
Rem.	O	(	) (	0	0.00	C	) (	) (	0	0.00	(	) (	) (	0	0.00
Tot.	0	(	) (	0	0.00	C	) (	) (	) (	0.00	(	) (	) (	0	0.00

		Total N	GL Prod	uction			Total Oil	+ NGL Pr	oduction			Total Oil	Equiv. Pro	duction	
Year	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/BOE
2003	0	C	) (	0	0.00	52	31	11309	7773	35.25	52	31	11309	7773	35.25
2004	0	C	) (	0	0.00	49	30	10799	7756	29.25	49	30	10799	7756	29.25
2005	0	0	) (	0	0.00	43	26	9397	6961	27.25	43	26	9397	6961	27.25
2006	0	0	) (	0	0.00	37	22	8177	6225	27.25	37	22	8177	6225	27.25
2007	0	0	) (	0	0.00	32	19	7115	5579	27.25	32	19	7115	5579	27.25
2008	0	0	) (	0	0.00	28	17	6191	4970	27.75	28	17	6191	4970	27.75
2009	0	0	) (	0	0.00	25	16	5722	4710	28.25	25	16	5722	4710	28.25
2010	0	0	) (	0	0.00	21	14	5001	4188	28.75	21	14	5001	4188	28.75
2011	0	0	) (	0	0.00	19	12	4351	3698	29.25	19	12	4351	3698	29.25
2012	0	0	) (	0	0.00	16	10	3786	3258	29.75	16	10	3786	3258	29.75
2013	0	0	) (	0	0.00	14	9	3295	2887	30.25	14	9	3295	2887	30.25
2014	0	0	) (	0	0.00	12	: 8	2867	2530	30.75	12	8	2867	2530	30.75
Sub.	0	0	) (	0	0.00	29	18	78011	60536	29.38	29	18	78011	60536	29.38
Rem.	0	0	) (	0	0.00	2	! 1	13719	12346	32.82	2	1	13719	12346	32.82
Tot.	0	0	) (	0	0.00	8	5	91730	72882	29.90	8	5	91730	72882	29.90

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### REVENUE AND EXPENSE FORECAST

		R	evenue Bef	ore Burde	ns		Royalty I		Gas Pro		Total	Net	Oper	ating Expe	ases
Year	Oil M\$	Workin Gas M\$	g Interest NGL+Sul MS	Total MS	Royalty Interest M\$	Company Total M\$	Pre-Proo Crown M\$	Other MS	Allow Crown MS	Other M\$	Royalty After Process. MS	Revenue After Royalty MS	Fixed M\$	Variable MS	Total M\$
2003	399	(	0	399	(	399	96	29	0	0	125	274	15	25	40
2004	316	(	) 0	316	(	316	66	23	0	0	89	227	16	25	41
2005	256	(	0	256	(	256	48	18	0	0	66	190	16	22	38
2006	223	(	0	223	(	223	37	16	0	0	53	170	17	19	36
2007	194	(	0	194	(	) 194	28	14	0	0	42	152	17	17	34
2008	172	(	0	172	(	172	22	12	0	0	34	138	17	15	32
2009	162	(	0	162	(	162	18	11	0	0	29	133	18	14	32
2010	144	•	0	144	(	) 144	14	10	0	0	23	120	19	12	31
2011	127	•	0	127	(	127	11	9	0	0	19	108	19	11	30
2012	113	(	0	113	(	) 113	8	8	0	0	16	97	19	10	29
2013	100	(	0	100	(	100	6	7	0	0	12	87	20	9	28
2014	88	(	0	88	(	88	4	6	0	0	10	78	20	8	28
Sub.	2292	(	0 - 0	2292	(	2292	357	162	0	0	518	1774	212	187	399
Rem.	450	(	0	450	(	450	14	30	0	0	45	405	193	39	232
Tot.	2743		0	2743		2743	371	192	0	0	563	2179	405	225	631
Disc	1554	(	0	1554	(	1554	263	110	0	0	373	1181	143	124	266

	Ot	her Expen	ses	Net											
				Prod'n	Other I	ncome			N	et Capital	Investment		Before	Tax Cash I	Flow
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment M\$	MS	Other MS	ARTC M\$	Aband. Costs M\$	Oper. Income MS	Dev. MS	Plant MS	Tang. M\$	Total M\$	Annual M\$	Cum. M\$	12% Dcf M\$
2003	0	C	0		0	24	0	258	30	0	60	90	168	168	159
2004	0	C		186	0	17	0	203	0	0	0	0	203	371	330
2005	0	C		152	0	12	0	164	0	٥	0	0	164	534	453
2006	0	C	0	134	0	9	0	143	0	0	0	0	143	677	549
2007	0	0	0	118	0	7	0	125	0	0	0	0	125	803	624
2008	0	C			0	5	0	111	0	0	0	0	111	914	684
2009	0	C	0	101	0	4	0	105	0	0	0	0	105	1019	734
2010	0	C	0	89	0	3	0	93	0	0	0	0	93	1111	774
2011	0	C	0	78	0	3	0	81	0	0	0	0	81	1192	805
2012	0	C			0	2	0	70	0	0	0	0	70	1262	829
2013	0	C	0		0	1	0	61	0	0	0	0	61	1323	847
2014	0		C	50	0	1	0	51	0	0	0	0	51	1374	861
Sub.	0	C	0	1375	0	89	0	1464	30	0	60	90	1374	1374	861
Rem.	0	C		174	0	4	0	177	0	0	0	0	177	1551	895
Tot.	0	0	0	1548	0	93	0	1641	30	0	60	90	1551	1551	895
Disc	0	C		914	0	66	0	980	28	0	57	85	895	895	895

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# RESERVE SUMMARY

		Rei	naining Re	serves at J	anuary 1, 20	03		Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)	
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net		BOE actor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life	
Oil	Mstb	149	92	(	) 92		73	1.000	92	100	21.0	8.1	4.9	

### PRODUCT REVENUE AND EXPENSES

					Average F	irst Year U	nit Values			Net Rev	enue A	fter Royal	ties
	Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc MS	% of Total
Oil		\$/Stb	38.50	-3.25	35.25	11.02	3.53	0.00	20.69	2179	100	1181	100

#### INTEREST AND NET PRESENT VALUE SUMMARY

				.,		ac Belote III	COINC LUA	
Revenue Interests	s and Burden	s (%)	Disc. Rate	Prod'n Revenue	Operating Income	Capital	Cash F	low
	Initial	Average	% 	M\$	MS	M\$	M\$	\$/BOE
Working Interest	60.0000	61.6483	0.0	1548	1641	90	1551	16.91
Capital Interest	60.0000	60.0000	8.0	1059	1132	87	1045	11.39
Royalty Interest	0.0000	0.0000	10.0	981	1050	86	964	10.51
Crown Royalty	24.0695	13.5324	12.0	914	980	85	895	9.76
Non-crown Royalty	7.2000	7.0075	15.0	830	892	84	808	8.81
Mineral Tax	0.0000	0.0000	18.0	762	820	83	737	8.03
NPI Payment	0.0000	0.0000	20.0	722	778	82	696	7.59

Project......1035768

Entity......Total Corporate Incl. Adjustments (Total Proved Nonproducing)

Evaluator...Hladyshevsky, Myron J.

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\_Gilbert Laustsen Jung Associates Ltd.

Company: Property: Description: Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Total

Pricing: Effective Date: GLJ (2003-01) January 01, 2003

#### PRODUCTION FORECAST

							rkobi	CHO	NFOR	ECASI	ı						
				Oil I	Productio	n			Total G	as Produ	ction			Conden	sate Prod	uction	<del></del>
	Gross	Wells	Daily	Compny Daily	Compny Yearly	Net Yearly	Ртісе	Gross G Daily	Compny ( Daily	Compny Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price
Year	Oil	Gas	Stb	Stb	Stb	Stb	\$/Bbl	Mcf	Mcf	Mmcf	Mcf	S/Mcf	Stb	Stb	Stb	Stb	\$/Bbl
2003	51	35	1062	159	58070	48451	33.84	12807	479	175	142102	5.27	144	4	1575	1173	38.68
2004	51	34	850	125	45557	38559	29.12	11021	399		118245	4.68	125	4	1351	1006	32.19
2005	38	33	637	96	34950	29764	27.17	9514	336	123	99378	4.48	109	3	1175	872	30.20
2006	37	33	531	76	27890	23969	27.31	8237	272	99		4.63	95	3	1010	748	30.14
2007	30	29	419	61	22205	19267	27.36	7184	231	84		4.65	84	2	876	646	30.11
2008	27	26	350	49	17843	15503	27.76	6191	196	72		4.66	73	2	758	556	30.54
2009 2010	24 22	23 21	292 247	41 35	15124 12808	13209 11276	28.23 28.72	5449 4873	169 147	62 54		4.68 4.75	65 58	2	665 592	486 432	31.02 31.49
2010	20	20	211	29	10707	9516	29.13	4296	124	45		4.85	52	1	520	379	31.99
2012	17	18	176	24	8614	7754	29.67	3883	108	39		4.95	47	i	455	332	32.43
2013	13	18	121	14	5266	4672	29.55	3476	96	35		5.01	42	1	410	298	32.91
2014	11	17	103	12	4418	3945	30.04	2970	84	31	24022	5.05	36	1	358	259	33.36
Sub.	28	26	416	60	263452	225885	29.44	6658	220	964	774732	4.80	77	2	9746	7188	32.42
Rem.	2	4	15	2	23823	21615	32.21	744	20	273	213432	5.97	9	0	3366	2353	39.49
Tot.	8	10	111	16	287274	247500	29.67	2163	68	1238	988164	5.06	26	1	13112	9540	34.24
		****	Buta	ne Produ	ction			Propa	ane Produ	ction			Etha	ne Produ	ction		
		Gross	Company	Compny	Net		Gross	Company	Compny	Net		Gross	Compny	Compny	Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbi	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	196	(	5 228	0 1716	25.28	262		7 2692	2 2057	22.50	0		0	1 1	18.25	
	2004	171		196		19.53	226					0			1 1	16.25	
	2005	149		170	4 1271	18.53	197			1515	17.30	0	1	0	1	15.25	
	2006	131	4			18.53	171					0			1 0	15.75	
	2007	115	3			18.52	150					0			0 0	15.75	
	2008 2009	100 89	3			19.02 19.52	130 115					0			0 0	15.75 15.75	
	2010	80		2 86		20.02	103					0			0 0	15.75	
	2011	72		2 75		20.52	92					0			0 0	16.00	
	2012	65	- 2	2 66	4 486	20.99	83	2	2 77	574	18.84	0		0	0 0	0.00	
	2013	58		2 59		21.49	75					0			0 0	0.00	
	2014	53				21.99	63					0			0 0	0.00	
	Sub.	107		3 1417		20.43	139					0			5 4	16.29	
	Rem.	15		535		27.95	15					0			0 0	0.00	
	Tot.	37	1	1 1953	7 14337	22.49	45	J	1 2203	7 16388	20.32	. 0		0	5 4	16.29	
			Total N	NGL Prod	luction			Total Oil	+ NGL Pr	oduction	1		Total Oil	Equiv. P	roduction		
		Gross		Compny		ъ.	Gross		Compny	Net	ъ.	Gross		Compny		ъ.	
	Year	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/BOE	
	2003	602	18	8 654	9 4947	27.36	1664	177	7 64618	3 53398	33.18	3799	25	 7 9375	4 77082	32.70	
	2003	522	13				1372					3208					
	2005	456	13	488			1093	109	39830	33423		2678			4 49986		
	2006	398	1	419	6 3136	20.82	929	88	32086	5 27105	26.46	2302	13	3 4865	2 40486	26.91	
	2007	349	10				768										
	2008	303	9														
	2009	268		3 276			561								4 23404		
	2010 2011	241 216		7 245 5 215			488 42 <i>6</i>								5 20193 1 17008		
	2012	195		5 189			371								3 14304		
	2013	175		5 170			296					875			8 10529		
	2014	152		1 150			254										
	Sub.	323	9	4049	30189	22.59	740	69	303942	2 256074	28.53	1849	10	6 46468	1 385196	28.62	
	Rem.	39		1420	0 10080	29.69	54	. 3	3 38023	3 31696	31.27	178		6 8357	7 67268	33.76	
	Tot.	107	3	3 5469	1 40269	24.43	218	19	34196	5 287770	28.83	579	3	0 54825	8 452464	29.40	

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# REVENUE AND EXPENSE FORECAST

		Re	evenue Befo	ore Burder	ns	4.144.241.004.004.00	Royalty I		Gas Pro	_	Total	Net	Oper	ating Exper	nses
		Working	Interest		Royalty	Company	Pre-Proc	essing	Allow	/ance	Royalty After	Revenue After			
Year	Oil M\$	Gas MS	NGL+Sul M\$	Total M\$	Interest MS	Total M\$	Crown MS	Other M\$	Crown M\$	Other MS	Process. M\$	Royalty M\$	Fixed MS	Variable MS	Total MS
2003	1946	775	172	2893	172	3066	320	229	6	-4	547	2518	356	202	558
2004	1316	583	118	2017	113	2130	215	151	6	-3	364	1767	361	165	526
2005	942	480	99	1521	80	1601	165	109	5	-2	271	1331	326	132	458
2006	756	403	85	1243	66	1309	135	84	4	-2	217	1093	311	106	418
2007	606	347	74	1027	48	1075	112	66	4	-1	175	900	263	86	349
2008	494	301	66	861	34	895	95	55	4	-1	147	748	236	70	306
2009	425	265	60	750	25	775	82	47	3	0	127	648	183	60	243
2010	366	238	54	658	20	678	72	40	3	0	109	569	180	52	232
2011	310	210	48	569	11	580	62	33	3	1	92	488	169	46	214
2012	254	187	43	484	9	494	50	29	2	0	76	418	150	39	189
2013	154	170	40	363	8	372	44	23	2	0	64	308	84	31	115
2014	131	149	35	316	8	323	39	19	2	0	55	268	77	27	104
Sub.	7701	4108	895	12704	594	13298	1390	884	44	-12	2242	11056	2696	1015	3712
Rem.	761	1621	420	2803	, 18	2821	445	97	24	4	514	2307	1006	231	1237
Tot.	8462	5729	1316	15507	612	16119	1835	981	68	-8	2757	13363	3702	1246	4948
Disc	5571	2863	623	9057	446	9503	999	642	30	-10	1621	7882	1819	717	2537

	Otl	ner Expens	ses	Net											
				Prod'n	Other I	ncome			N	et Capital	Investment	1	Before	Tax Cash	Flow
	Mineral	Capital	NPI	Revenue			Aband.	Oper.	_		_			_	
3.7	Tax	Tax	Payment		Other	ARTC	Costs	Income	Dev.	Plant	Tang.	Total	Annual	Cum.	12% Dcf
Year	M\$	MS_	MS	M\$	MS	M\$	M\$		MS	M\$	MS	MS	MS	MS	MS
2003	112	14	0	1835	3	28	0	1865	30	0	60	90	1775	1775	1677
2004	52	8	0	1181	2	19	0	1202	0	0	0	0	1202	2977	2691
2005	29	5	C	839	2	13	0	854	0	0	7	7	847	3824	3329
2006	18	3	C	654	0	10	0	664	0	0	63	63	601	4425	3733
2007	11	3	0	538	0	7	0	546	0	0	0	0	546	4971	4061
2008	7	2	0	434	0	6	0	440	0	0	5	5	435	5405	4294
2009	5	2	. 0	398	0	5	0	403	0	0	0	0	403	5808	4487
2010	4	1	0		0	4	0		0	0	0	0	334	6143	4630
2011	3	1	C	269	0	3	0	272	0	0	0	0	272	6415	4734
2012	3	l	0		0	2	0		0	0	0	0	227	6642	4811
2013	2	0			0	1	0		0	0	0	0	192	6834	4870
2014	2	0	0	162	0	. 1	0	163	0	0	0	0	163	6998	4914
Sub.	248	39	C	7057	6	99	0	7162	30	0	135	165	6998	6998	4914
Rem.	6	0		1065	0	4	0	1068	0	0	0	0	1068	8066	5057
Tot.	254	39	0	8122	6	103	0	8231	30	0	135	165	8066	8066	5057
Disc	202	30		5113	5	74	0	5192	28	0	107	135	5057	5057	5057

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### RESERVE SUMMARY

		Rei	naining Re	serves at Ja	nuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2026	285	2	287	248	1.000	287	5	2 26.0	4.9	3.2
Solution Gas	Mmcf	2834	131	6	137	98	6.000	23		4 26.0	6.2	4.4
Residue Gas	Mmcf	36645	978	123	1101	890	6.000	183	3:	3 50.0	7.2	5.0
Total Gas	Mmcf	39478	1109	129	1238	988	6.000	206	3	8 50.0	7.1	4.9
	MMMBtu	40756	1143	0	1273	1017				50.0	7.1	4.9
Condensate	Mstb	468	13	0	13	10	1.000	13	;	2 50.0	8.3	5.7
Butane	Mstb	672	19	0	20	14	1.000	20		4 50.0	8.6	6.0
Propane	Mstb	819	22	0	22	16	1.000	22		4 50.0	8.2	5.6
Ethane	Mstb	0	0	0	0	0	1.000	0		0 9.0	4.7	2.8
Total NGL	Mstb	1959	54	1	55	40	1.000	55	1	0 50.0	8.4	5.8
Total Oil+NGL	Mstb	3985	339	3	342	288	1.000	342	6	2 50.0	5.3	3.5
Total Oil Eq.	Mstb	10564	524	24	548	452		548	10	0 50.0	5.8	3.9

### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	38.50	-4.66	33.84	5.66	7.82	1.75	18.61	7337	55	4783	61
Solution Gas	\$/Mcf	5.40	-0.38	5.02	1.32	0.21	0.05	3.44	487	4	275	5 3
Residue Gas	\$/Mcf	5.40	-0.09	5.31	0.97	0.52	0.13	3.68	4531	34	2337	7 30
Total Gas	\$/Mcf	5.40	-0.13	5.27	1.02	0.49	0.12	3.65	5018	38	2612	33
Condensate	\$/Stb	39.27	-0.59	38.68	9.56	3.92	0.30	24.90	337	3	167	7 2
Butane	S/Stb	27.25	-1.97	. 25.28	6.19	2.70	0.58	15.82	330	2	154	2
Propane	\$/Stb	24.60	-2.10	22.50	5.28	2.27	0.60	14.35	340	3	166	5 2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.08	12.63	0	0	) (	0 (
Total NGL	\$/Stb	29.05	-1.69	27.36	6.63	2.82	0.52	17.40	1007	8	487	7 6
Total Oil+NGL	S/Stb	37.54	-4.36	33.18	5.75	7.32	1.62	18.49	8345	62	5270	67
Total Oil Eq.	\$/BOE	35.94	-3.25	32.70	5.86	5.95	1.34	19.55	13363	100	7882	2 100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present var	ne Beiore in	come rax	
Revenue Interests	and Burdens	(%)	Disc.	Prod'n	Operating	Capital	Cash F	low
	Initial	Average	Rate	Revenue M\$	Income M\$	Invest. MS	M\$	\$/BOE
Working Interest	6.6177	5.0115	0.	8122	8231	165	8066	5 14.71
Capital Interest	60.0000	36.3054	8.	5759	5846	144	5702	2 10.40
Royalty Interest	0.3938	0.1977	10.	5411	5494	139	5354	9.77
Crown Royalty	11.0703	11.8320	12.	5113	5192	135	5057	9.22
Non-crown Royalty	7.9243	6.3265	15.	4737	4812	130	4682	8.54
Mineral Tax	3.8675	1.6371	18.	4426	4496	125	4372	7.97
NPI Payment	0.0000	0.0000	20.	0 4247	4314	122	4193	7.65

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Total Proved)

Run date....Thu Feb 27 2003 09:26:45

Evaluator...Hladyshevsky, Myron J.

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# PROBABLE RESERVES FORECASTS

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Total Probable	39

\_Gilbert Laustsen Jung Associates Ltd.

# **Summary of Reserves and Values**

Company: Millennium Energy Inc.

Property: Corporate

GLJ (2003-01) Effective Date: January 01, 2003

Description: Total Corporate Incl. Adjustments

MARKETABLE RESERVES	Probable Producing	Probable Non- producing	Total Probable
Oil - MSTB			
Company Interest	61.2	94.7	155.9
Net After Royalty	54.9	86.4	141.3
Gas - MMCF	*****		
Company Interest	259	283	541
Net After Royalty	211	201	412
Natural Gas Liquids - MSTB			
Company Interest	10.6	13.0	23.6
Net After Royalty	8.0	8.8	16.8
Oil Equivalent - MBOE			
Company Interest	115.0	154.8	269.8
Net After Royalty	98.0	128.7	226.7
BEFORE TAX PRESENT VALUE - \$	M		
0.0%	1702	1927	3628
8.0%	820	1057	1877
10.0%	718	918	1635
12.0%	636	798	1433
15.0%	540	647	1187
18.0%	467	523	991
20.0%	428	453	881
FIRST 6 YEARS BEFORE TAX CAS	H FLOW - \$M	•	
2003	42	-753	-711
2004	74	397	471
2005	92	446	538
2006	98	331	430
2007	96	259	355
2008	106	226	332

### Oil Equivalent Factors:

il	1.0	bbl∕boe
ales Gas	6.0	mcf/boe
ondensate	1.0	bbl/boe
utane	1.0	bbl/boe
горапе	1.0	bbl/boe
thane	1.0	bbl/boe
ondensate utane ropane	1.0 1.0 1.0	bbl/boo

1035768 Project

				ıpanıy		cuon,	Company Liverchon, Meserves and Livsene value Summary	(2)		- 113	מומגו		<b>.</b>							
Company: Property:	Millennium Energy Inc. Corporate									Re Pri	Reserve Class: Development Class: Pricing: Effective Date:	ss: t Class: te:	Probable Producing GLJ (2003-01) January 01, 20	Probable Producing GLJ (2003-01) January 01, 2003						
		2003	Company	2003 Company Interest Prod'n	u,pc		Company Interest Reserves	iterest Re	serves		Ž	Net After Royalty Reserves	yalty Re	erves	- Re	Reserve Life	Bef Discount	Before Income Tax ounted Present Value	Before Income Tax Discounted Present Value MS	
Entity Description		Gas mcf/d	Oil bbl/d	NGL PPI/q	BOE bbl/d	Gas	Mbbl	NGL S	Sulphur B Mlt N	BOE Mbbl N	Gas Mmcf I	Oil Mbbl N	NGL St	Sulphur B Mlt N	BOE In	1	1 %0	10%	12% 15	15%
Total Corporate		•	•	•	•	¢	•	ć	ć	,	•		c	<	,	;	ć	-	2	:
Chauvin Condor Louise Man	Chauvin Condor I ower Mannville Natural Cas Unit No	0 0	0 0	<b>-</b>	0 0	o ç	n c	<b>&gt;</b> -	00	n 4	0 1	7 0	> -	00	4 w	51.0	2 48	3 5	27	22
Craigend			0	0	0	_	0	0	0	·	S	0	0	0	-	25.5	17	13	12	Ξ
Enchant		0	0	0	0	7	4	0	0	9	5	4	0	0	5	103.8	92	46	43	37
Glen Ewen		_	_	0	-	4	∞	0	0	6	3	9	0	0	7	22.0	611	89	29	4
Handsworth		0	0	0	0	0	7	0	0	7	0	9	0	0	9	354.8	121	36	30	24
Liege		2	0	0	0	33	0	0	0	2	33	0	0	0	S	55.7	118	28	25	4
Medicine River Gla	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.2	0	0	0	0
Medicine River Non-Unit	n-Unit	3	0	0	-	99	7	3	0	21	23	9	2	0	8	80.7	293	113	66	83
Medicine River Unit No. 4	it No. 4	0	0	0	0	-	-	0	0	-	-	0	0	0	_	112.0	∞	m	c	7
Medicine River Viking D Unit No. 2	ing D Unit No. 2	0		0	0	0	0	0	0	0	0	0	0	0	0	68.7	-	0	0	0
Michichi		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Weirhill		0	2	0	2	0	50	0	0	53	0	27	0	0	27	9.09	352	506	161	169
Westerose		_		0	0	119	0	9	0	56	92	0	5	0	20	233.4	448	103	98	29
Willesden Green G	Willesden Green Glauconitic A Unit No.1	0	٥	0	٥	2	3	0	0	3	-	2	0	0	2	55.2	28	12	16	7
Total Total Corporate	ate	8	3	0	S	259	19	1	0	115	211	55	∞	0	86	65.8	1700	716	635	539
ARTC		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	2	-	-	-
Total Corporate Incl. Adjustments	ol. Adjustments	*	w	0	5	259	119	Ξ	0	115	211	55	∞	0	86	8:59	1702	718	989	540
		æ	BOE Factors:	: OIL		00000-1	RES GAS	6.00000	PROPANE			ETHANE	1.00000							
				COND		1.00000	SEN GAS	6.00000	BUTANE		1.00000	SULPHUR	0.00000							

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alue Summary
1, Reserves and Present Value
es and I
, Reserv
luction
Company Prod

		5	mhan	5 1 6	21211	II) IVVO		company incurion, incoming and income value duminary		7212		7							
Company: Millennium Energy Inc. Property: Corporate			1						<b></b>	Reserve Class: Development Class: Pricing: Effective Date:	lass: ent Class: Date:	Probable Nonprodi GLJ (200 January (	Probable Nonproducing GLJ (2003-01) January 01, 2003	_					
	2003	Compar	2003 Company Interest Prod'n	Prod'n		Compan	Company Interest Reserves	Reserves			Net After Royalty Reserves	Royalty Re	serves	- % 	Reserve Life	Be	Before Income Tax Discounted Present Value MS	ne Tax nt Value N	Ş
Entity Description	Gas mcf/d	Oil Ppl/d	NGL ppl/q	BOE bbl/d	Gas	Oil	NGL Mbbl	Sulphur Mlt	BOE	Gas Mmcf	Oi! Mbbl	NGL S Mbbi	Sulphur Mit	BOE I		%0	10%	12%	15%
Total Corporate													,		:	•	•	,	,
Chauvin		0 0	0 0		0 0	0	0		0	0	0 0	0 0	0 0	0 0	0.0	0	0 0	0 0	•
Condor Lower Mannyule Natural Gas Unit No.		<b>.</b>	<b>.</b>						<b>-</b>		> <	<b>&gt;</b>		> <	9 6	> <	•	<b>-</b>	> <
Craigena Enchant			0 0							0	0	0	0	0	0.0	0	0	0	0
Glen Ewen		. 0	0					0 (	0	0	0	0	0	0	0.0	0	0	0	0
Handsworth		_	0		0	0				0	0	0	0	0	0.0	0	0	0	0
Liege		_	0		0	0				0	0	0	0	0	0.0	0	0	0	0
Medicine River Glauconitic A Unit No. 4		0	0		0	0	0 0	0 (		0	0	0	0	0	0.0	0	0	0	0
Medicine River Non-Unit	-	~	0		3 268	 œ	1 12	2 0	57	189	0	∞	0	40	62.3	793	532	496	450
Medicine River Unit No. 4		0	0		0	_				-	0	0	0	_	8.1	9	7	7	7
Medicine River Viking D Unit No. 2		0	0							0	0	0	0	0	0.0	0	0	0	0
Michichi		0	8			0 19				0	13	0	0	13	6.7	330	210	961	178
Weirhill		0	12			0 75	2 0		-	0	73	0	0	73	17.0	728	123	99	-26
Westerose		0	0	0	0	14 (	0 1	0 1	3	=	0	-	0	7	2.4	35	24	23	21
Willesden Green Glauconitic A Unit No.1		0	0						0	0	°	0	0	0	0.0	0	0	0	١
Total Total Corporate	-	. 21	20	0 2	22 283	3 95	5 13	3 0	155	201	98	6	0	129	16.1	1891	892	773	624
AGCA Adjustment ARTC		0 0	0 0	00	0	0.0	0 0	0 0	0 0	00	0 0	0 0	0 0	0 0	0.0	35	0 26	25	23
Total Corporate Incl. Adjustments	12		20	0 2	22 283	3 95	5 13	3 0	155	201	98	6	0	129	19.1	1927	918	798	647
		9		:		6				9000									
		BOE Factors:		COND	1.00000	KES GAS SLN GAS	AS 6.00000 AS 6.00000		PKOPANE I	1.00000	SULPHUR	0.00000							
	ſ																		

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Value Summary
Present
Reserves and
Production,
Company

Company   Company Interest Pods   Company Interest P																				
Case Oil Ompany Interest Production   Case Oil NCL   Bold   Solid   Model		ن ن									Reserve C Developm Pricing: Effective I	lass: ent Class; )ate:	Proba Total GLJ (3 Janual	ble 2003-01) ry 01, 2002						
Comparison		2003	Compai	ny Interest	Prod'n		Compan	y Interest	Reserves			Net After F	Royalty Re	serves	æ	eserve	Be	fore Inco	ne Tax	٤
Paymente The Manneal Cas Unit No. 1	Entity Description	Gas mcf/d	Oil bbl/d		. !	Gas		NGL	Sulphur Mit	BOE	Gas		i			I	O%	10%	12%	15%
Lange   Manuelle   Natural Gas Unit No.   0   0   0   0   0   0   0   0   0	Total Corporate																	:	:	;
Libone Mannville Natural Gas Unit No.   0   0   0   0   0   0   0   0   0	Chauvin	•	_	0	0		9	3 0	0	3	0	2	0	0	2	31.6	20	13	15	=
Model March	Condor Lower Mannville Natural Gas Unit No.	_	_	0			ງ 0	-		4	17	0	-	0	60	117.3	84	32	27	22
Here Glauconitic A Unit No. 4  Biole Fretures:  Biole Fretures:    1	Craigend		_	0			) (	0 (			5	0	0	0	-	25.5	12	13	15	=
worth         1         1         1         1         4         8         0         9         3         6         0         7         324.8         11         36         6           worth         2         0         0         33         7         0         0         5         33         6         0         0         5         354.8         11         36         39           ne River Vinit No. 4         15         0         0         0         2         33         6         0         0         5         557         11         36         53         30           ne River Vinit No. 4         0         <	Enchant	)	_	0		0	7 4			9	2	4	0	0	2	103.8	92	49	43	37
Particle	Glen Ewen		_	_		_	4 8			6	<b>(</b> )	9	0	0	7	22.0	119	89	62	8
Review Glauconitic A Unit No. 4         0         0         0         5         33         0         0         5         53.7         118         58         2.2           ne River Clauconitic A Unit No. 4         0         0         0         5         33         0         0         0         5         55.7         118         58         5.2           ne River Value D. Unit No. 4         0         <	Handsworth	_	_	0						7	0	9	0	0	9	354.8	121	36	30	24
## Size   Flancontific   Unit No. 4   10   0   0   0   0   0   0   0   0	Liege		~1	0						ς.	33	0	0	0 (	v (	55.7	8 <u>1</u>	28	52	4 (
Residential         15         0         18         15         0         78         24         7         11         0         58         60-4         195         64-5         59-7           restrict Unit No. 1         0	Medicine River Glauconitic A Unit No. 4	0	_	0						0		0	0 ;	0	<b>-</b> ;	3.2	0	0 ;	0 5	0 (
Residence Unit No. 4         0	Medicine River Non-Unit	11	۰,	0						78		7	= '	0 (	80.	66.4	\$01	£,	36.	333
Hoper Piking D Unit No. 2  6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Medicine River Unit No. 4	)	_	0			2	0		_	2	_	0	0	-	200.2	4 .	۰ ٥	n :	4.
hi to the fine state of the first state of the firs	Medicine River Viking D Unit No. 2	_	_	0						0		0	0	0	0	68.7	-	0	0	0
### Grading that the control of the	Michichi	_	_	<b>~</b>						19		13	0	0	13	6.7	330	210	196	178
nse         nse <td>Weirhill</td> <td>)</td> <td>_</td> <td>14</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>104</td> <td></td> <td>100</td> <td>0</td> <td>0</td> <td>8</td> <td>20.9</td> <td>1080</td> <td>332</td> <td>247</td> <td>143</td>	Weirhill	)	_	14						104		100	0	0	8	20.9	1080	332	247	143
en Green Glauconitic A Unit No.1         0         0         0         2         3         1         2         0         0         2         55.2         28         17         16           otal Corporate         20         23         1         27         541         156         24         0         270         412         141         17         0         227         27.4         3591         1608         1408           Adjustment         0         <	Vesterose		_	0			3 (	7		29		0	5	0	22	260.3	482	128	108	82
Adjustment   20	Willesden Green Glauconitic A Unit No.1			0			2 3	9		3	- j	2	0	0	2	55.2	28	17	9	4
Adjustment  20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Total Corporate	50		23	1 2					270		141	17	0	722	27.4	3591	1608	1408	1163
20 23 1 27 541 156 24 0 270 412 141 17 0 227 27.4 3628 1635 1433  BOE Factors: OIL 1,00000 RES GAS 6,00000 PROPANE 1,00000 ETHANE 1,00000  COND 1,00000 SLN GAS 6,00000 BUTANE 1,00000 SULPHUR 0,00000	AGCA Adjustment ARTC			0 0						00		00	00	00	00	0.0	37	27	26	24
OIL 1.00000 RES GAS 6.00000 PROPANE 1.00000 ETHANE COND 1.00000 SLN GAS 6.00000 BUTANE 1.00000 SULPHUR	Total Corporate Incl. Adjustments	20		23	1 2					270			17	0	227	27.4	3628	1635	1433	1187
COND 1.00000 SLN GAS 6.00000 BUTANE 1.00000 SULPHUR		-	OF. Fact		Į,	1 00000	RESGA				00000	ETHANE								
		ı			COND	1.00000	SLN G/				000001	SULPHUR								

Company: Property: Description: Millennium Energy Inc.

Corporate

Total Corporate Incl. Adjustments

Reserve Class: Development Class:

Probable Producing GLJ (2003-01)

Pricing: Effective Date:

January 01, 2003

### PRODUCTION FORECAST

				Oil P	roductio	n			Total G	as Produ	ction			Conden	sate Prod	uction	<del></del>
	Gross	Wells	Gross G	Compny C Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price
Year	Oil	Gas	Stb	Stb	Stb	Stb	S/Bbl	Mcf	Mcf	Mcf	Mcf	S/Mcf	Stb	Stb	Stb	Stb	\$/Bbl
2003	0	0	23	3	1208	1030	34.39	163	8	2757	2294	5.21	2	0	19	15	39.26
2004	0	0	47	7	2413	2109	30.00	348	16	5969		4.59	4	0		32	32.78
2005	3	0	72	11	4051	3665	27.86	472	22	7912		4.35	5	0			30.73
2006 2007	2 6	0	64 92	8 10	2930 3700	2589 3251	28.04 27.22	673 745	40 31	14655 11452		4.58 4.56	7 8	0		63 73	30.70 30.88
2007	3	3	74	11	3964	3651	28.57	865	32	11611		4.47	9	0		73	31.02
2009	4	4	77	11	4039	3730	29.02	832	32	11526		4.52	9	0		77	31.34
2010	3	3	69	10	3799	3511	29.55	740	30	10775		4.52	8	0		69	31.56
2011	5	2	70	9	3226	2789	29.96	763	32	11516		4.52	8	0		68	32.06
2012	5	3	70	9	3436	2710	30.25	774	34	12275		4.68	8	0			32.66
2013 2014	8 7	3 2	97 77	15 12	5313 4419	4641 3935	31.09 31.63	739 906	29 27	10405 9926		4.75 5.03	8 11	0		69 80	33.28 33.78
Sub.	4	2	69	10	42499	37609	29.60	668	28		100838	4.61	7	0		740	32.07
	2	2	18	1	18723	17294	34.05	353	10		109990	6.01	4	0		1164	39.95
Rem.	3	2	31	3	61221		30.96	429	14		210828	5.35	5	0			36.93
			Buta	ne Produc	tion			Prop	ane Produ	ection			Eth	ane Produ	ection		
		Grass	Compnu	Compny	Not		Gross	Compan	Compn	Nat		Gross	Compn	Compo	v Not		
		Gross Daily	Daily	Yearly	Net Yearly	Price	Daily	Daily	<ul> <li>Compny</li> <li>Yearly</li> </ul>	Net Yearly	Price	Gross Daily	Daily	Compay  Yearly	•	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	2	(	27	21	25.27	3		0 3	4 27	22.41	0		0	0 0	18.25	
	2004	4	(			19.53	. 7		0 7			0		0	0 0		
	2005	6				18.55	10		0 9	-		0		0	0 0		
	2006 2007	9 10				18.54 18.54	13 15		0 14 0 16			0		0	0 0		
	2008	12				19.04	17		0 16			0		Ö	0 0		
	2009	12				19.55	17		0 17	4 136		0	1	0	0 0		
	2010	10				20.06	15		0 16			0		0	0 0		
	2011	10				20.56	15		0 16			0		0	0 0		
	2012 2013	10 10				21.15 21.65	16 16		0 18 0 15			0		0	0 0		
	2014	11	(				21		1 18			Ö		0	0 0		
	Sub.	9				20.13	14		0 170			0		0	1 1		
	Rem.	6				28.27	8		0 270			C	1	0	0 0		
	Tot.	7					9		0 441			0	ı	0	1 1		
			Total l	NGL Prod	uction			Total Oi	I + NGL P	roduction	n		Total Oi	l Equiv. F	Production	ı	
		Gross	Compny	Compny	Net		Gross	Commun	Compny	Net		Gross	Commo	Compn	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	•	Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/BOE	
	2003	7					30		4 128			57		5 17			
	2004	15					62		7 258					.0 35			
	2005	21		1 233			93		2 428			171		5 56			
	2006 2007	29 33				20.93 20.98	93 125		9 327 1 410			206 249		.6 572 6 60			
	2008	39					113		2 435			257		7 629			
	2009	38					114		2 445			253		7 63			
	2010	33					103		1 418			226		6 59		28.35	
	2011	34					103		0 360			231		5 553			
	2012 2013	35 34					104 131		1 387 6 569			233 254		.6 59 !0 74:			
	2013	34 42					119		3 484					8 64			
	Sub.	30					99		1 4654					5 666			
	Rem.	18					36			3 22183		95		3 483			
	Tot.	21					51			7 62863					82 98001		
n·/s1035				11/ Corpo										-			1 of 3

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# REVENUE AND EXPENSE FORECAST

		R	evenue Befo	ore Burde	ns		Royalty I		Gas Pro		Total	Net	Oper	ating Expe	1ses
		Working			Royalty	Company	Pre-Pro		Allow		Royalty After	Revenue After			
Year	Oil M\$	Gas MS	NGL+Sul MS	Total MS	Interest M\$	Total MS	Crown M\$	Other MS	Crown M\$	Other M\$	Process. MS	Royalty MS	Fixed MS	Variable M\$	Total M\$
2003	41	10	2	53	5	58	4	5	0	0	9	49	0	3	3
2004	72	19	3	94	9	104	6	8	0	0	15	89	1	7	8
2005	112	25	4	141	11	152	8	10	0	-1	18	134	25	10	36
2006	81	56	7	144	12	157	11	12	0	0	23	134	19	12	30
2007	97	39	8	143	18	161	9	14	0	-1	23	138	24	12	36
2008	113	36	7	156	17	173	10	9	0	-1	19	154	31	14	44
2009	117	37	8	162	16	178	10	9	0	-1	19	159	36	12	49
2010	112	38	8	158	11	169	10	9	0	-1	19	150	32	11	43
2011	96	39	9	144	13	157	13	11	0	-1	24	133	23	10	33
2012	104	46	10	159	12	171	25	10	1	1	35	136	35	11	47
2013	165	41	9	214	g	223	21	12	0	0	33	191	93	14	107
2014	140	47	10	196	4	200	18	10	0	0	28	172	89	13	102
Sub.	1249	432	85	1767	138	1905	145	118	4	-6	265	1640	408	129	537
Rem.	630	794	195	1619	43	1662	178	91	9	3	257	1405	622	129	751
Tot.	1879	1226	280	3385	182	3567	324	210	13	-3	523	3044	1030	258	1288
Disc	714	293	59	1066	82	1148	84	73	3	-3	157	991	247	78	326

	Oti	her Expen	ses	Net											
	N. C	C:1	NDI	Prod'n	Other I	ncome	414	0	N	et Capital	Investmen	t	Before	Tax Cash I	Flow
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment MS	MS MS	Other M\$	ARTC M\$	Aband. Costs M\$	Oper. Income M\$	Dev. M\$	Plant M\$	Tang, MS	Total M\$	Annual M\$	Cum. MS	12% Dcf MS
2003	4	(	) 0	42	0	0	0	42	0	0	0	0	42	42	39
2004	6	1		74	0	0	0	74	0	0	0	0	74	116	102
2005	6	1		92	0	0	0	92	0	0	0	0	92	208	172
2006	6	]		96	1	1	0	98	0	0	0	0	98	307	238
2007	5	1			0	0	0	96	0	0	0	0	96	403	296
2008	3				0	0	0	106	0	0	0	0	106	509	352
2009	2	1			0	0	0	108	0	0	0	0	108	617	404
2010	1	1			0	0	0		0	0	0	0	106	723	449
2011	1	Ţ			0	0	0	, ,	0	0	0	0	98	821	487
2012	1	1		• .	0	0	0		0	0	0	0	87	909	517
2013	1	1			0	0	0		0	0	0	0	82	990	542
2014	1	1		69	0	0	0	69	0	0	0	0	69	1059	560
Sub.	39	ç	· 0	1055	2	2	0	1059	0	0	0	0	1059	1059	560
Rem.	10	1		643	0	0	0	643	0	0	0	0	643	1702	636
Tot.	49	10	) 0	1698	2	2	0	1702	0	0	0	0	1702	1702	636
Disc	27	5	5 0	633	1	1	0	636	0	0	0	0	636	636	636

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#### RESERVE SUMMARY

		Rei	naining Re	serves at Ja	anuary 1, 200	3	Oi	il Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	559	61	1	61	55	1.000	61	5:	3 33.0	50.7	9.4
Solution Gas	Mmcf	875	34	2	35	25	6.000	6		33.0	84.2	12.4
Residue Gas	Mmef	6954	186	37	224	186	6.000	37	3:	2 50.0	95.6	12.9
Total Gas	Mmcf	7829	220	39	259	211	6.000	43	3	7 50.0	93.3	12.8
	MMMBtu	8183	228	0	267	218				50.0	93.8	12.8
Condensate	Mstb	91	3	0	3	2	1.000	3	:	2 50.0	100.0	14.7
Butane	Mstb	120	4	0	4	3	1.000	4	:	3 50.0	100.0	16.0
Propane	Mstb	169	4	0	4	3	1.000	4		4 50.0	100.0	14.4
Ethane	Mstb	0	0	0	0	0	1.000	0	1	0 13.0	100.0	9.2
Total NGL	Mstb	380	10	0	11	8	1.000	1 i		9 50.0	100.0	14.9
Total Oil+NGL	Mstb	939	71	1	72	63	1.000	72	6	3 50.0	55.8	10.0
Total Oil Eq.	Mstb	2244	108	7	115	98		115	10	50.0	65.8	10.6

### PRODUCT REVENUE AND EXPENSES

				Average F	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	38.50	<b>-4</b> .11	34.39	5.02	1.84	3.43	24.10	1701	56	642	2 65
Solution Gas	S/Mcf	5.40	-0.69	4.71	1.10	0.17	0.11	3.33	138	5	33	3 3
Residue Gas	S/Mcf	5.40	-0.10	5.30	0.87	0.21	0.14	4.08	986	32	267	7 27
Total Gas	S/Mcf	5.40	-0.19	5.21	0.90	0.21	0.14	3.96	1124	37	301	1 30
Condensate	\$/Stb	39.18	0.08	39.26	8.20	1.87	0.51	28.69	72	. 2	17	7 2
Butane	\$/Stb	27.25	-1.98	25.27	5.31	1.19	0.76	18.00	70	2	15	5 1
Propane	S/Stb	24.55	-2.15	22.41	4.50	1.10	0.77	16.03	76	3	17	7 2
Ethane	S/Stb	18.75	-0.50	18.25	4.46	1.08	0.16	12.56	0	0	. (	0 0
Total NGL	S/Stb	28.96	-1.56	27.40	5.66	1.31	0.71	19.72	219	7	48	8 5
Total Oil+NGL	S/Stb	37.90	-3.95	33.95	5.06	1.81	3.26	23.82	1920	63	691	1 70
Total Oil Eq.	S/BOE	36.45	-3.21	33.25	5.15	1.66	2.62	23.81	3044	100	991	1 100

# INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Valu	ie Betore in	come l'ax	
Revenue Interests	and Burdens	(%)	Disc.	Prod'n	Operating	Capital	Cash F	low
	Initial	Average	Rate %	MS MS	Income MS	Invest. MS	MS	S/BOE
Working Interest	8.0217	4.7653	0.0	1698	1702	0	1702	2 14.80
Capital Interest	8.0217	4.7653	8.0	817	820	0	820	7.13
Royalty Interest	0.7758	0.2559	10.0	715	718	0	718	6.24
Crown Royalty	7.7618	9.5574	12.0	633	636	0	636	5.53
Non-crown Royalty	9.2355	6.1901	15.0	538	540	0	540	4.70
Mineral Tax	7.7064	1.4370	18.0	465	467	0	467	4.07
NPI Payment	0.0000	0.0000	20.0	426	428	0	428	3.72

Project......1035768

Entity......Total Corporate Incl. Adjustments (Probable Producing)

Evaluator...Hladyshevsky, Myron J.

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Company: Property:

Millennium Energy Inc.

Corporate Description:

2014

Rem.

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13

Total Corporate Incl. Adjustments

Reserve Class: Development Class: Probable Nonproducing GLJ (2003-01)

Pricing: Effective Date:

January 01, 2003

### PRODUCTION FORECAST

							PROD	UCHO	IN FUR	(ECAS)	i.						
				Oil	Productio	n			Total (	Gas Produ	etion			Conder	sate Prod	uction	
Year	Gross	Wells Gas	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mcf	Net Yearly Mcf	Price S/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
1 cai					310	310	3/501		IVICI			3/14/01		310	310		3/1001
2003	1	1	25	20	7189		35.00	194	12		-	5.90	2				
2004	2	4	50 90	33	12097		30.47	1399 2423	136 185			5.25	15 27				34.50
2005 2006	3 2	6 6	77	28 24	10335 8802		28.47 28.49	1508	115				17	2			32.15 32.19
2007	2	6	73	21	7827	6993	28.46	1027	78			5.05	11	i	305		32.23
2008	2	8	52	19	7038	6313	28.93	1599	66	24120	18136	5.06	17	1	259	177	32.81
2009	2	8	46	16	5775		29.51	1670	54			5.06	18				33.33
2010	2 2	7 7	41	14	5012		30.03	1116	39			5.12	12 9	0			33.82
2011 2012	2	7	36 32	12 11	4386 3853	3630	30.54 31.06	821 538	31 15				6				34.31 34.79
2012	2	4	28	9	3397	3210	31.57	376	11			5.36	. 4			-	35.48
2014	2	4	25	8	3006		32.09	303	9				3				35.98
Sub.	2	5	48	18	78717	70829	30.11	1081	63	274554	193874	5.08	12	1	2933	1955	33.18
Rem.	1	0	9	1	15987	15604	34.21	18	1	8124	6928	5.61	0	(	87	73	37.08
Tot.	1	2	18	5	94704	86433	30.80	273	15	282679	200802	5.10	3	(	3020	2028	33.29
			Buta	ine Produ	ction			Prop	ane Prod	uction	<del></del>		Eth	ane Prod	uction		
		Gross	Company	Compny	Net		Gross	Compas	Compn	y Net		Gross	Compri	y Compn	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	•	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	3		0 6	4 32	25.25	3		0	74 37	22.75	C	)	0	0 (	0.00	
	2004	22		2 79			26			22 597				0	0 (		
	2005	43		3 112		18.50	49		3 12					0	0 (		
	2006 2007	27 18		2 69 1 46			32 23			94 528 37 359				0	0 (		
	2007	27		1 39			32			56 316				0	0 (		
	2009	28		1 32			33			74 265			)	0	0 (		
	2010	19		1 23			23			72 192				0	0 (		
	2011	14		1 18			17			15 151				0	0 (		
	2012	9		0 9 0 6			11 8			05 86 76 65				0	0 (		
	2013 2014	5		0 5			7			76 63 54 54				0	0 (		
	Sub.	18		1 450			22		1 510					0	0 (		
	Rem.	0		0 13			0			58 134				0	0 (		
	Tot.	5		0 463			6		0 53					0	0 (		
			Total	NGL Proc	luction			Total Oil	+ NGL I	Production	1		Total Oi	il Equiv. I	Production	1	
		Gross	Compri	Compny	Net		Gross	Compos	Compn	y Net	······································	Gross	Comp	y Compr	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	•	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/BbI	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/BOE	
	2003	8	3	0 18	0 89	27.89	33	3 2	0 73	6002	34.82	65	; 2	22 81	10 6387	34.88	
	2004	63		6 224			112		9 1433			346	5 6	52 226			
	2005	119		9 312			209							58 247			
	2006	75		5 194			152							19 177			
	2007 2008	52 76		4 131 3 111			126 128		5 91: 2 81-					38 138 33 1 <b>2</b> 1			
	2009	79		2 91			125		8 66					27 99			
	2010	53		2 66			94		6 56					22 80			
	2011	40		1 52			76		3 49					19 67			
	2012	26		1 25			58		1 416					14 50			
	2013	19		1 18			47		0 35					12 42			
	2014	15	١	0 15	4 131	24 30	40	1	0 314	KN 3021	31.71	01	1	10 37	10 3/09	2 1 92	

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3160 3021 31.71

16365 15925 34.00

6 107685 95249 29.74

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31 137078 111637

1 17719 17080

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8 154798 128716 30.00

12980 8816 22.01 p:/s1035768/rems/ccon/GLJ\_2003-01/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC15\_pri.htm

12602 8495 21.91

131 24.30

321 25.15

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# REVENUE AND EXPENSE FORECAST

	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	R	evenue Befo	re Burder	ns		Royalty I		Gas Pro		Total	Net	Oper	ating Expe	nses
		Working	g Interest		Royalty	Company	Pre-Proc	essing	Allow	ance	Royalty After	Revenue After			
	Oil	Gas	NGL+Sul	Total	Interest	Total	Crown	Other	Crown	Other	Process.	Royalty	Fixed	Variable	Total
Year	M\$	M\$	MS	M\$	MS	M\$	MS	M\$	M\$	M\$	M\$	M\$	MS	M\$	M\$
2003	252	26	5	283	(	283	45	15	0	(	59	224	10	13	24
2004	369	260	50	679	(	679	89	58	3	3	3 141	538	32	36	68
2005	294	331	67	691	(	691	95	65	4	4	1 152	539	44	41	84
2006	251	212	. 41	504	(	504	61	43	2	2	2 100	405	43	29	72
2007	223	143	28	394	(	394	42	30	1	2	2 70	324	42	23	65
2008	204	122	. 24	350	(	350	33	25	1	1	56	294	43	21	64
2009	170	100	20	291	(	291	23	21	1	1	43	248	42	17	59
2010	151	74	15	239	(	239	16	16	0	1	31	208	40	14	54
2011	134	59	12	205	(	205	12	13	0	1	24	180	41	12	52
2012	120	29	6	155	(	155	5	7	0	(	) 12	143	33	9	42
2013	- 107	21	. 4	133	(	133	4	5	0	0	) 9	124	32	. 7	39
2014	96	18	3 4	118	(	118	2	5	0	(	) 7	112	32	. 6	39
Sub.	2370	1396	276	4042	(	4042	427	304	13	16	5 703	3338	434	227	661
Rem.	547	46	10	602	(	602	5	15	0	1	1 20	582	256	32	288
Tot.	2917	1441	286	4644	(	4644	433	320	13	16	5 724	3920	689	260	949
Disc	1573	920	182	2675	(	2675	300	203	9	10	484	2191	272	149	421

	Ot	her Expen	ses	Net											
				Prod'n	Other I	ncome			Ne	et Capital	Investment		Before	Tax Cash I	Flow
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment MS	Revenue M\$	Other M\$	ARTC M\$	Aband. Costs M\$	Oper. Income M\$	Dev. M\$	Plant M\$	Tang. M\$	Total MS	Annual MS	Cum. MS	12% Dcf MS
2003	0	(	) (	200	0	8	0	208	806	0	155	961	-753	-753	-711
2004	6	(	) (		0	6	0	470	51	1	20	73	397	-356	-376
2005	8	. (	) (	) 447	0	4	0	451	5	0	0	5	446	90	-41
2006	5	(	) (	328	0	4	0	331	0	0	0	0	331	421	182
2007	3	(	) (	256	0	4	0	259	0	0	0	0	259	680	338
2008	3	(	) (	227	0	3	0	230	4	0	0	4	226	906	459
2009	3	(	) (	187	0	2	0	189	0	0	0	0	189	1095	549
2010	2	. (	), (	152	0	1	0	154	0	0	0	0	154	1249	615
2011	1	(	) (	127	0	1	0	128	0	0	0	0	128	1377	664
2012	1	(	) (	100	0	1	0	101	0	0	0	0	101	1478	698
2013	1	(	) (		0	1	0	85	0	0	0	0	85	1563	724
2014	0	(	) (	72	0	0	0	73	0	0	0	0	73	1635	744
Sub.	33	(	) (	2644	0	34	0	2678	867	1	175	1043	1635	1635	744
Rem.	l	(	) (	293	0	1	0	294	1	0	1	3	291	1927	798
Tot.	34	. (	) (	2936	0	35	0	2972	868	2	176	1045	1927	1927	798
Disc	22	. (	) (	1749	0	25	0	1773	811	1	163	976	798	798	798

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#### RESERVE SUMMARY

		Rei	naining Re	serves at J	anuary 1, 200	3	Oi	l Equivalent	5	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	336	95	0	95	86	1.000	95	6	1 29.0	13.2	5.2
Solution Gas	Mmcf	313	1	C	1	1	6.000	0		0 21.0	8.1	6.7
Residue Gas	Mmcf	4676	282	C	282	200	6.000	47	3	0 17.0	63.4	3.5
Total Gas	Mmcf	4989	283	C	283	201	6.000	47	3	0 21.0	62.1	3.5
	MMMBtu	5397	308	C	308	218				21.0	62.1	3.5
Condensate	Mstb	54	3	C	3	2	1.000	3		2 21.0	72.0	3.5
Butane	Mstb	85	5	C	5	3	1.000	5		3 21.0	72.2	3.5
Propane	Mstb	103	5	C	5	4	1.000	5		3 21.0	71.9	3.5
Total NGL	Mstb	243	13	C	13	9	1.000	13		8 21.0	72.0	3.5
Total Oil+NGL	Mstb	578	108	C	108	95	1.000	108	7	0 29.0	14.6	4.9
Total Oil Eq.	Mstb	1410	155	C	155	129		155	10	0 29.0	19.0	4.3

### PRODUCT REVENUE AND EXPENSES

				Average Fi	rst Year U	nit Values			Net Rev	enue A	fter Royali	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	38.50	-3.50	35.00	6.25	2.85	0.00	25.89	2670	68	1411	. 64
Solution Gas	S/Mcf	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	0	2	2 0
Residue Gas	\$/Mcf	5.40	0.50	5.90	2.82	0.58	0.00	2.51	1045	27	653	3 30
Total Gas	\$/Mcf	5.40	0.50	5.90	2.82	0.58	0.00	2.51	1049	27	654	30
Condensate	S/Stb	39.50	1.50	41.00	20.14	4.02	0.00	16.84	71	2	45	5 2
Butane	\$/Stb	27.25	-2.00	25.25	12.52	2.48	0.00	10.26	63	2	39	2
Propane	\$/Stb	24.75	-2.00	22.75	11.27	2.23	0.00	9.25	67	2	42	2 2
Total NGL	S/Stb	29.08	-1.18	27.89	13.78	2.73	0.00	11.38	201	5	126	6
Total Oil+NGL	S/Stb	38.27	-3.44	34.82	6.43	2.85	0.00	25.54	2871	73	1537	7 70
Total Oil Eq.	\$/BOE	37.73	-2.86	34.88	7.39	2.91	0.00	24.58	3920	100	2191	100

### INTEREST AND NET PRESENT VALUE SUMMARY

			Net Pre	sent Valu	ie Before Inc	come Tax	
Revenue Interests	and Burden	s (%)	•	erating	Capital	Cash Flo	ow
	<u>Initial</u>	Average		MS	Invest. M\$	М\$	S/BOE
Working Interest	34.7384	11.4190	0.0 2936	2972	1045	1927	12.45
Capital Interest	85.4219	28.7808	8.0 2027	2054	997	1057	6.83
Royalty Interest	0.0000	0.0000	10.0 1878	1904	986	918	5.93
Crown Royalty	16.0410	9.3178	12.0 1749	1773	976	798	5.15
Non-crown Royalty	5.1466	6.8858	15.0 1585	1608	961	647	4.18
Mineral Tax	0.0000	0.7424	18.0 1448	1470	947	523	3.38
NPI Payment	0.0000	0.0000	20.0 1369	1390	937	453	2.92

Project......1035768

Entity......Total Corporate Incl. Adjustments (Probable Nonproducing)

Evaluator...Hladyshevsky, Myron J.

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Company:

Millennium Energy Inc.

Property: Description:

Corporate Total Corporate Incl. Adjustments

Reserve Class: Development Class:

Probable Total

Pricing: Effective Date: GLJ (2003-01) January 01, 2003

#### PRODUCTION FORECAST

							PRODI	JCTIC	N FOR	ECAST	ſ						
				Oil l	Productio	n		-	Total (	Gas Produ	ction			Conden	sate Prod	uction	
Year	Gross '	Wells Gas	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mcf	Net Yearly Mcf	Price S/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl
2003	1	1	48	23	8397	6943	34.91	357	20	7200	4605	5.64	3	0	61	35	40.45
2003	2	4	97	40	14509		30.39	1747	152			5.18	18	2		364	34.37
2005	6	6	162	39	14386		28.30	2894	207	75594		4.83	32	2	785	518	32.05
2006	4	6	141	32	11733	10475	28.38	2181	155	56681		4.93	24	1	535	359	31.96
2007	8	9	165	32	11527		28.06	1772	109			4.91	19	1	401	274	31.91
2008	5 6	11 12	126	30 27	11002		28.80	2464 2501	98 86			4.87 4.86	27 27	1 1	353 313	250 226	32.33 32.69
2009 2010	5	10	123 110	24	9814 8811	8967 8124	29.31 29.82	1856	69			4.86	20	1	248	176	32.96
2011	7	9	106	21	7612		30.30	1584	63	22847		4.85	17	1	214	152	33.34
2012	7	10	102	20	7289	6340	30.68	1312	49	17765	14851	4.86	14	0	165	126	33.42
2013	10	7	126	24	8710		31.28	1115	40			4.92	12	0	136	105	33.97
2014	9	6	102	20	7426		31.82	1209	36			5.13	14	0			34.33
Sub.	6	7	117	28		108438	29.93	1749	90		294713	4.94	19	1	3916		32.90
Rem.	3	2	27		34710		34.12	372	11		116917		4	0			39.80
Tot.	4	4	49	9	155926	141337	30.86	702	30	541369	411630	5.22	8	0	5588	3931	34.96
			But	ane Produ	ction			Prop	ane Prod	uction			Eths	ne Produ	ection		
		Gross	Compny	Compny	Net		Gross	Compny	Compn	y Net		Gross	Compny	Compn	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	S/BbI	
	2003	5		0 9	1 54	25.26	7		0 10	08 65	22.64	(	)	0	0 0	18.25	
	2004	27		2 85			33		3 99			(		0	0 0		
	2005	49		3 119			59		4 137					0	0 0		
	2006 2007	36 28		2 81: 2 60:			45 38		3 94 2 70			(		0 0	0 0		
	2007	39		1 53			49		2 62			(		0	0 0		
	2009	40		1 46			50		2 54					0	0 0		
	2010	29		1 36	6 262		38		1 43					0	0 0		
	2011	24		1 31			32		1 37			(		0	0 0		
	2012	20		1 23			27		1 28					0	0 0		
	2013 2014	16 16		0 18			24 28		1 25					0	0 0		
	Sub.	27		1 585			36		2 687					0	1 1		
	Rem.	6		0 244			8		0 286					0	0 0		
	Tot.	11		0 830	0 5879	21.93	15		1 973	37 6965	19.98	(	)	0	1 1	16.23	
			Total	NGL Prod	luction		-	Total Oi	l + NGL F	roduction	n		Total Oi	l Equiv. P	roduction		
		Gross Daily	Compny Daily	y Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly		Price	Gross Daily	Compny Daily	Compny Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/BOE	
	2003	15		1 26			62		4 865					7 985			
	2004 2005	78 139		7 241- 9 335			175 302		6 1692 19 1774			466		2 2618			
	2005	104		9 335 6 228			246		19 1774 18 1402					3 3034 4 2346			
	2007	85		5 171			250		6 1323					4 1986			
	2008	115		4 150	2 1073	21.60	241	3	4 1250	5 11037	27.93	652	2 5	1 1846	50 15722		
	2009	117		4 132			239		1 1114					5 1630			
	2010	87		3 104			197		985					8 1405			
	2011 2012	73 61		2 90 2 69			179 163		:3 851 :2 798					4 1232 0 1094			
	2012	52		2 56					5 921					2 1167			
	2014	58		2 57					2 800					8 102			
	Sub.	82		4 1664	8 11567	22.00	199	3	1 13786	53 120005	28.97	49	4	7 20375	52 169124		
	Rem.	19	ı	1 697	8 5209	29.48	46		3 4168	38 38108	33.34	108	3	5 6602	28 57594	34.29	
	Tot.	34	1	1 2362	6 16776	24.21	83	1	0 17955	52 158113	29.99	200	) 1	5 26978	30 226718	30.43	
	= <01			01/ 0												_	

### REVENUE AND EXPENSE FORECAST

		Re	venue Befo	ore Burde	18		Royalty I		Gas Pro		Total	Net	Oper	ating Exper	nses
		Working	Interest		Royalty	Company	Pre-Proc	essing	Allow	ance	Royalty After	Revenue After			
Year	Oil M\$	Gas MS	NGL+Sul MS	Total M\$	Interest MS	Total M\$	Crown MS	Other MS	Crown M\$	Other M\$	Process. M\$	Royalty M\$	Fixed MS	Variable MS	Total M\$
2003	293	36	7	336	5	341	49	19	0		) 68	273	10	16	26
2003	440	280	53	773	9		95	66	3	3			33	42	76
2005	406	356	71	833	11	843	102	75	4	3	170		69	51	120
2006	332	268	48	649	12	661	72	55	2		122	538	62	41	102
2007	319	182	36	537	18	555	51	44	2	1	93	462	66	35	101
2008	317	158	32	506	17	523	42	34	1	(	) 75	448	74	35	109
2009	287	138	28	453	16	469	33	30	i	(	62	407	78	29	107
2010	263	111	23	397	11	409	26	25	l	(	50	358	72	24	96
2011	230	98	21	349	13		25	24	l	(			63	22	85
2012	223	75	16	314	12		30	17	i	(			69	20	88
2013	272	62	13	348			25	18	0	(			125		146
2014	236	65	14	315	4	318	20	15	0	(	) 34	284	121	19	141
Sub.	3619	1828	361	5808	138	5947	572	423	17	9	969	4978	842	356	1198
Rem.	1177	840	204	2220	43	2264	184	107	9	4	1 278	1986	877	161	1039
Tot.	4796	2667	566	8029	182	8211	756	529	26	13	1246	6964	1719	517	2237
Disc	2288	1214	240	3742	82	3823	384	276	12	•	7 641	3182	519	228	747

	Ot	her Exper	ses	Net											
				Prod'n	Other I	ncome			N	et Capital	Investment		Before	Tax Cash	Flow
	Mineral	Capital	NPI	Revenue			Aband.	Oper.						_	
.,	Tax	Tax	Payment		Other	ARTC	Costs	Income	Dev.	Plant	Tang.	Total	Annual	Cum.	12% Dcf
Year	M\$	MS	MS	MS	MS	M\$	MS		M\$	MS	M\$	M\$	MS	M\$	M\$
2003	4	. (	) (	242	0	8	0	250	806	0	155	961	-711	-711	-672
2004	12		1 (	538	0	6	0	544	51	1	20	73	471	-240	-274
2005	14		. (	538	0	5	0	543	5	0	0	5	538	298	131
2006	12		(	424	1	4	0	430	0	0	0	0	430	728	420
2007	9		. (	352	0	4	0	355	0	0	0	0	355	1083	633
2008	6		! (	333	0	3	0	336	4	0	0	4	332	1416	812
2009	5		. (	295	0	2	0	297	0	0	0	0	297	1712	954
2010	3		(	259	0	1	0	260	0	0	0	0	260	1972	1065
2011	2		. (	225	0	1	0	226	0	0	0	0	226	2198	1151
2012	2		. (	188	0	1	0	188	0	0	0	0	188	2387	1215
2013	2		. (	165	0	1	0	166	0	0	0	0	166	2553	1266
2014	2		. (	) 141	0	0	0	141	0	0	0	0	141	2694	1304
Sub.	72	:	) (	3699	2	36	0	3737	867	1	175	1043	2694	2694	1304
Rem.	11		l (	936	0	1	C	937	1	0	1	3	934	3628	1433
Tot.	83	19	) (	4634	2	37	0	4674	868	2	176	1045	3628	3628	1433
Disc	49		5 (	2382	1	26	C	2409	811	1	163	976	1433	1433	1433

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### RESERVE SUMMARY

		Rei	naining Re	serves at J:	nuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units .	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	895	155	1	156	141	1.000	156	51	8 33.0	18.6	6.7
Solution Gas	Mmcf	1188	34	2	36	26	6.000	6	:	2 33.0	86.3	12.1
Residue Gas	Mmcf	11630	468	37	505	386	6.000	84	3	1 50.0	74.5	5.7
Total Gas	Mmcf	12818	503	39	541	412	6.000	90	3.	3 50.0	75.2	6.0
	MMMBtu	13580	536	0	575	436				50.0	75.2	6.0
Condensate	Mstb	145	6	0	6	4	1.000	6	:	2 50.0	91.1	6.3
Butane	Mstb	206	8	0	8	6	1.000	8	:	3 50.0	90.8	6.1
Propane	Mstb	272	10	0	10	7	1.000	10		4 50.0	89.8	6.2
Ethane	Mstb	0	0	0	0	0	1.000	0	•	0 13.0	100.0	9.2
Total NGL	Mstb	622	23	0	24	17	1.000	24	•	9 50.0	90.4	6.2
Total Oil+NGL	Mstb	1517	179	1	180	158	1.000	180	6	7 50.0	20.7	6.6
Total Oil Eq.	Mstb	3654	262	7	270	227		270	10	0 50.0	27.4	6.4

#### PRODUCT REVENUE AND EXPENSES

				Average F	irst Year U	nit Values			Net Rev	enue A	fter Royali	ies
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc M\$	% of Total
Oil	S/Stb	38.50	-3.59	34.91	6.07	2.71	0.50	25.63	4371	63	2053	65
Solution Gas	S/Mcf	5.40	-0.69	4.71	1.10	0.17	0.08	3.36	142	. 2	3.5	1
Residue Gas	S/Mcf	5.40	0.30	5.70	2.14	0.45	0.04	3.06	2031	29	920	29
Total Gas	S/Mcf	5.40	0.24	5.64	2.08	0.44	0.04	3.07	2173	31	955	30
Condensate	S/Stb	39.40	1.05	40.45	16.37	3.34	0.11	20.63	144	2	61	. 2
Butane	S/Stb	27.25	-1.99	25.26	10.37	2.09	0.20	12.60	133	2	54	2
Propane	S/Stb	24.69	-2.05	22.64	9.12	1.87	0.22	11.43	144	2	59	2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.03	12.69	0	0	C	0
Total NGL	\$/Stb	29.04	-1.30	27.74	11.26	2.29	0.19	14.00	421	6	174	5
Total Oil+NGL	S/Stb	. 38.21	-3.52	34.69	6.23	2.70	0.49	25.28	4791	69	2227	70
Total Oil Eq.	\$/BOE	37.51	-2.92	34.59	6.99	2.69	0.46	24.45	6964	100	3182	100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present van	ue Beiore in	come rax	
Revenue Interests	and Burden	s (%)	Disc.	Prod'n	Operating	Capital	Cash Flo	ow
	Initial	Average	Rate 	Revenue MS	Income MS	Invest. MS	M\$	\$/BOE
Working Interest	22.7698	7.1876	0.0	4634	4674	1045	3628	13.45
Capital Interest	85.4219	28.7808	8.0	2844	2874	997	1877	6.96
Royalty Interest	0.3476	0.1628	10.0	2593	2621	986	1635	6.06
Crown Royalty	14.7344	9.4188	12.0	2382	2409	976	1433	5.31
Non-crown Royalty	5.7919	6.5925	15.0	2123	2148	961	1187	4.40
Mineral Tax	1.2163	1.0352	18.0	1913	1937	947	991	3.67
NPI Payment	0.0000	0.0000	20.0	1795	1818	937	881	3.26

Project......1035768

Entity......Total Corporate Incl. Adjustments (Total Probable)

Evaluator...Hladyshevsky, Myron J.

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# PROVED PLUS PROBABLE RESERVES FORECASTS

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\_Gilbert Laustsen Jung Associates Ltd.

# **Summary of Reserves and Values**

Company: Millennium Energy Inc.

Property: Corporate Pricing:

GLJ (2003-01) Effective Date: January 01, 2003

Description: Total Corporate Incl. Adjustments

MARKETABLE RESERVES	Proved Plus Probable Producing	Proved Plus Probable Non- producing	Total Proved Plus Probable
Oil - MSTB			
OII - 14131 B			
Company Interest	257	186	443
Net After Royalty	230	159	389
Gas - MMCF			
Company Interest	1496	283	1779
Net After Royalty	1199	201	1400
Natural Gas Liquids - MSTB			
Company Interest	65	13	78
Net After Royalty	48	9	57
Oil Equivalent - MBOE			
Company Interest	572	247	818
Net After Royalty	478	202	679
BEFORE TAX PRESENT VALUE - \$	M		
0.0%	8216	3478	11694
8.0%	5477	2102	7579
10.0%	5108	1882	6989
12.0%	4798	1693	6490
15.0%	4414	1455	5869
18.0%	4102	1260	5362
20.0%	3925	1149	5073
FIRST 6 YEARS BEFORE TAX CASE	H FLOW - \$M		
2003	1649	-585	1064
2004	1073	600	1673
2005	776	609	1385
2006	556	474	1031
2007	517	384	901
2008	430	337	767

#### Oil Equivalent Factors:

Oil	1.0	bbl/boe
Sales Gas	6.0	mcf/boe
Condensate	1.0	bbl/boe
Butane	1.0	bbl/boe
Propane	1.0	bbl/boe
Ethane	1.0	bbl/boe

Project 1035768 Run date Thu Feb 27 2003 09:26:51

Value Summary
s and Present V
Reserves and P
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Company

Note																				
Cost   Discreption   Cost										<u>ಇರ್ಪ</u>	eserve Cla evelopmer icing: fective Da	nt Class: ate:	Proved Produc GLJ (2 Januar	Plus Pro ing 003-01) y 01, 200	bable 3					
Cas Oil NGL   BOE   Cas Oil   NGL   BOE   Cas Oil   NGL   Sulphur   BOE   Marci   Make   Marci   Ma		2003 C	ompany I	nterest Pr	u,po		Company 1	Interest Re	eserves		4	let After R	oyalty Re	serves	~	eserve Life	Be: Discoun	fore Incorted	ne Tax nt Value N	4S
Proposition in the following properties of the control of the cont	Entity Description	Gas mcf/d	Oil bbl/d	NGL PPI/q	BOE bbl/d	Gas					Gas Mmcf	1	i		1	Index	%0	%01	12%	15%
Charles   Char	Total Corporate																			
1	Chauvin	0	6	0	6	0	91	0	0	91	0	13	0	0	13	4.6	78	99	2	62
14   15   15   15   15   15   15   15	Condor Lower Mannville Natural Gas Unit No.	27	0		9	79	0	3	. 0	17	99	0	3	0	14	8.0	321	197	182	164
14   12   1   15   15   22   1   0   28   22   1   0   28   22   1   0   24   48     14   15   1   15   22   20   39   0   0   43   10   10   10   10   10   10   10   1	Craigend	26	0	0	4	29	0	0	0	S	24	0	0	0	4	3.0	79	89	99	\$
15   29   0   31   20   0   32   20   39   0   0   43   16   31   0   0   0   35   4   37   510   488   448     12	Enchant	14	12	-	15	32	22	-	0	28	22	70	-	0	25	5.2	480	359	342	320
worth  10 20 0 0 12 143 0 0 143 0 0 143 0 0 143	<b>Леп Е</b> wen	15	59	0	32	20	39	0	0	43	16	31	0	0	34	3.7	610	468	448	422
The River Clausconditic A Unit No. 4	Jandsworth	0	20	0	20	0	39	0	0	39	0	35	0	0	35	5.2	738	464	467	434
1	iege	72	0	0	12	143	0	0	0	24	143	0	0	0	24	5.4	217	363	343	318
139   12   6   41   366   38   17   0   116   295   34   13   0   96   77   1625   1039   975     1	Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	7	-	-	
Reviser Unit No. 4         1         0         1         4         2         0         3         3         2         0         0         2         8.1         33         2.1         20           ne River Viking D Unit No. 2         0         <	Medicine River Non-Unit	139	12	9	4	366	38	13	0	116	295	34	13	0	96	1.7	1625	1039	975	968
Review Vising D Unit No. 2         0 </td <td>Medicine River Unit No. 4</td> <td>-</td> <td>-</td> <td>0</td> <td>_</td> <td>4</td> <td>7</td> <td>0</td> <td>0</td> <td>3</td> <td>3</td> <td>7</td> <td>0</td> <td>0</td> <td>7</td> <td>8.1</td> <td>33</td> <td>21</td> <td>70</td> <td>81</td>	Medicine River Unit No. 4	-	-	0	_	4	7	0	0	3	3	7	0	0	7	8.1	33	21	70	81
hi bit bit bit bit bit bit bit bit bit bi	Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.1	m	7	~	7
	Aichichi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Operation         185         0         10         41         813         0         43         0         179         622         0         31         0         134         120         2696         1249         1139           len Green Glauconitic A Unit No.1         486         131         18         231         1496         257         65         0         572         1199         230         48         0         478         68         8205         73         69           onal Corporate         0         <	Veirhill	4	4	0	45	2	6	0	0	93	5	98	0	0	87	5.7	676	669	899	628
Solution	Vesterose	185	0	10	41	813	0	43	0	179	622	0	31	0	134	12.0	5696	1249	1139	1012
onal Corporate         486         131         18         231         1496         257         65         0         772         1199         230         48         0         478         6.8         8205         5098         4789           Orporate Incl. Adjustments         486         131         18         231         1496         257         65         0         572         1199         230         48         0	Willesden Green Glauconitic A Unit No.1	2	3	0	4	5	8	0	0	6	4	7	0	0	∞	6.7	95	73	89 	65
Orporate Incl. Adjustments         486         131         18         231         1496         257         65         0         572         1199         230         48         0         478         6.8         8216         5108         4798           BOE Factors:         OIL         1,00000         RES GAS         6,00000         PROPANE         1,00000         ETHANE         1,00000         ETHANE         1,00000         CONDO         500000         BUTANE         1,00000         SULPHUR         0,00000         BUTANE         1,00000         SULPHUR         0,00000         BUTANE         1,00000	Total Total Corporate	486	131	18	231	1496	257	9	0	572	1199	230	48	0	478	8.9	8205	8605	4789	4406
131 18 231 1496 257 65 0 572 1199 230 48 0 478 6.8 8216 5108 4798  DEPactors: OIL 1,00000 RES GAS 6,00000 PROPANE 1,00000 ETHANE 1,00000  COND 1,00000 SLN GAS 6,00000 BUTANE 1,00000 SULPHUR 0,00000	ARTC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	12	6	6	6
OIL 1.00000 RES.GAS 6.00000 PROPANE 1.00000 ETHANE COND 1.00000 SLN.GAS 6.00000 BUTANE 1.00000 SULPHUR	Total Corporate Incl. Adjustments	486	131	18	231	1496	257	9	0	572	1199	230	48	0	478	6.8	8216	\$108	4798	4414
OIL         1,00000         RES GAS         6,00000         PROPANE         1,00000         ETHANE           COND         1,00000         SLN GAS         6,00000         BUTANE         1,00000         SULPHUR																				
1.00000 SLN GAS 6.00000 BUTANE 1.00000 SULPHUR		08	E Factors:			00000	RES GAS			1+3	00000	ETHANE								
				Ŝ		00000	SLN GAS				00000	SULPHUR								

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Summary
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		3	III pa III y	rion		Company Fronucion, reserves and Fresch Value Summary	Z (2)			alac		al y							
Company: Millennium Energy Inc. Property: Corporate									x C F H	Reserve Class: Development Class: Pricing: Effective Date:	ass: nt Class: ate:	Proved Nonpr GLJ (2 Januar	Proved Plus Probable Nonproducing GLJ (2003-01) January 01, 2003	able					
	2003	Company	2003 Company Interest Prod'n	rod'n		Company Interest Reserves	Interest R	eserves			Net After Royalty Reserves	oyalty Re	serves	- % 	Reserve Life	Be: Discoun	Before Income Tax Discounted Present Value MS	ne Tax ıt Value N	1S
Entity Description	Gas mcf/d	Oil bbl/d	NGL PPI/q	BOE bbl/d	Gas	Oil	NGL Mbbl	Sulphur Mlt	BOE	Gas	Mbbl	NGL S Mbbi	Sulphur I	BOE Ir	1	%0	10%	12%	15%
Total Corporate																			
Chauvin			0	0	Q (	0	0	0	0	0 (	0 (	0	0	0	0.0	0	0	0 0	0
Condor Lower Mannville Natural Gas Unit No.					0	0 '	0	0 (	0 (	<b>O</b> 6	0 0	0 (	0 0	0 0	0.0	0	<b>o</b> (	<b>&gt;</b> 0	<b>-</b>
Craigend Enchant		00	00	00	00	0 0	00	0 0	00	<b>o</b> c	00	0 0	00	<b>-</b> -	0.0	00	0 0	0	
Glen Ewen					0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Handsworth					0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Liege	Ū	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Medicine River Glauconitic A Unit No. 4	Ū				0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Medicine River Non-Unit	11	7	0 0		268	-	12	0	57	189	0	œ	0	40	62.3	793	532	496	450
Medicine River Unit No. 4	•	0	0 0		_	0	0	0	-		0	0	0	-	8.1	9	7	2	2
Medicine River Viking D Unit No. 2		0			0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Michichi	•	•	0		0	110	0	0	110	0	98	0	0	98	7.8	1789	1105	1025	925
Weirhill		_				75	0	0	75	0	73	0	0	73	17.0	728	123	26	-26
Westerose Willesden Green Glauconitic A Unit No.1		00	0 0	00	41 0	0 0	- 0	00	3		00	0 -	00	0	2.4	35	24 0	23	21
Total Total Corporate	12	2 51	0	53	283	186	13	0	247	201	159	6	0	202	12.7	3350	1787	1602	1370
AGCA Adjustment ARTC		00	0 0	00	00	00	0	00	00	00	00	00	00	0 0	0.0	0	95	0 0	0 84
Total Corporate Incl. Adjustments	12	2 51	0	\$3	283	186	13	0	247	201	159	6	0	202	12.7	3478	1882	1693	1455
		•																	
	_	BOE Factors:		Ω	1.00000	RES GAS SLN GAS	6.00000		PROPANE 1. BUTANE 1.	1.00000	ETHANE SULPHUR	0.00000							

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Company: Millennium Energy Inc.									~	Reserve Class:	SS:	Proved	Proved Plus Probable	bable					
Property: Corporate									டைய	Development Class: Pricing: Effective Date:	nt Class: ate:	Total GLJ (2 Januar	Fotal GLJ (2003-01) January 01, 2003						
	2003 C	2003 Company Interest Prod'n	nterest Pr	u,po		Company Interest Reserves	Interest R	eserves		_	Net After Royalty Reserves	oyalty Re	serves	ž	Reserve Life	Bef Discount	Before Income Tax Discounted Present Value M\$	e Tax t Value M	S
Entity Description	Gas mcf/d	Oil bbl/d	P/Iqq PPI/q	BOE bbl/d	Gas	Oil	NGL Mbbl	Sulphur Mlt	BOE Mbbi	Gas Mmcf	Oil	NGL S Mbbl	Sulphur Mlt	BOE I	1	0% 1	1 %01	12% 1	15%
Total Corporate	•	,	,	,	•	;	,	•		•	;	•	c	;	ì	Č	;	;	(
Chauvin	0 12	0 0	0 -	6.	0 2	91	0 -	<b>-</b>	19	0	<u>e</u>	۳ ۵	<b>5</b> C	<u> </u>	4. o	37.	9 6	\$ 5	70
Condor Lower Mannyme Manural Gas Onti 100.	72	0 0		0 4	20,00	0	٦ ٥	٥ د		24	0 0	n C	• •	4	3.0	200	89	99	2
Enchant	14	12	· –	15	32	, 22	-	0	28	22	, 20	_	0	25	5.2	480	359	342	320
Glen Ewen	15	59	0	32	20	39	0	0	43	91	31	0	0	34	3.7	610	468	448	422
Handsworth	0	20	0	20	0	39	0	0	39	0	35	0	0	35	5.2	738	494	467	434
Liege	72	0	0	12	143	0	0	0	24	143	0	0	0	24	5.4	517	363	343	318
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.9	2		-	_
Medicine River Non-Unit	151	. 12	7	4	634	39	29	0	173	484	34	22	0	137	10.9	2418	1571	1472	1346
Medicine River Unit No. 4		_	0	_	5	2	0	0	3	4	2	0	0	æ	10.0	38	74	22	20
Medicine River Viking D Unit No. 2	0	0	0	0		0	0	0	0	0	0	0	0	0	7.1	3	7	7	7
Michichi	0	39	0	39		011	0	0	011	0	98	0	0	98	7.8	1789	1105	1025	925
Weirhill	4	26	0	57	5	167	0	0	891	S	129	0	0	091	8.1	1657	822	724	602
Westerose Wilmedon Comonitio A Unit No 1	185	0 "	9	4 2		<b>Ф</b> «	4 ⊂	00	182	632	0 1	£ 0	0 0	137	12.2	2731	1273	1162 69	1032
Total Total Corporate	499	182	) 61	284	171	, 443	78		818	1400	389	57	0	629	7.9	11555	5889	6391	5776
A A discrete and		•	•	•		•	c	c	c		c	c	c	<b>-</b>	Ö	c	<b>-</b>	<b>-</b>	
ACCA Adjustinem	0	0	0		0		0		0						0.0	140	, 40	8	93,
Total Corporate Incl. Adjustments	499	182	19	284	1779	443	78	0	818	1400	389	57	0	629	7.9	11694	6869	6490	5869
	)B	BOE Factors:	OIL		1.00000	RES GAS	6.00000		PROPANE 1.	1.00000	ETHANE SUI PHUR	0.00000							
			}			;				?									

Company: Property: Description: Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Plus Probable

Pricing: Effective Date:

Producing GLJ (2003-01) January 01, 2003

#### PRODUCTION FORECAST

				Oil	Productio	n			Total G	as Produ	ction			Conden	sate Prod	uction	
	Gross	Wells	Gross (	Compny Daily		Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price
Year	Oil	Gas	Stb	Stb	Stb	Stb	\$/Bbl	Mef	Mcf	Mmcf	Mmcf	\$/Mcf	Stb	Stb	Stb	Stb	S/Bbl
2003	50	35	1033	131	47969	41709	33.52	12970	486	178	144	5.27	146	4	1595	1188	38.68
2004	50	34	848	102	37171	32912	29.14	11369	415	152		4.67	128	4	1392		32.21
2005	40	33	667	81	29604	26468	27.23	9986	358	131		4.47	114	3	1231	916	30.23
2006 2007	38 35	33 32	558 478	62 51	22644 18790	20333 16938	27.42 27.37	8910 7930	312 262	114 96		4.63 4.64	102 92	3	1093 972		30.18 30.18
2008	29	29	396	43	15616		27.97	7056	228	83		4.63	82	2	852		30.60
2009	27	27	344	37	13440		28.46	6280	200	73		4.65	74	2	766		31.06
2010	24	24	294	32	11606	10598	28.98	5613	177	65	52	4.71	66	2	685	501	31.50
2011	24	22	262	26	9582	8606	29.36	5059	155	57		4.78	60	2	612		32.00
2012	21	21	229	23	8264	7206	29.87	4657	142	52		4.88	55	2	561	409	32.47
2013	20	21	204	20	7285	6426	30.35	4215	125	46		4.95	50	1	503		32.98
2014	17	19	167	16	5971	5350	30.88	3876	111	41		5.05	47	1	465		33.46
Sub.	31	28	457	52		202958	29.49	7327	248	1085		4.78	85	2	10728		32.39
Rem. Tot.	4 11	7 12	31 133	2 14	28826 256766	26563 <b>229521</b>	33.11 29.90	1097 <b>2592</b>	30 <b>82</b>	411 1496		5.98 <b>5.11</b>	13 <b>31</b>	0	4951 <b>1568</b> 0	3516 11444	39.64 <b>34.68</b>
	•••			ne Produ			2,,,,,		ane Produ					ne Produ			
		***************************************						<del></del>									
				Compny		D			Compny		Dutas	Gross		Compny		mate.	
	Vana	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	
	Year	310	310	310	310	3/ DUI	310	310	310		\$/Bbl	310	310	310		3/ <b>D</b> UI	
	2003	199		5 230		25.28	265		7 272			0			1 1	18.25	
	2004	175		5 201		19.53	233		7 237			0			1 1	16.25	
	2005	156				18.53	206 185		5 209			0		0 0	1 1	15.25	
	2006 2007	140 125		4 158 4 141		18.53 18.52	165		5 186 5 165			0		0	1 1		
	2008	112		3 123		19.02	148		4 144			Ċ			0 0		
	2009	100	3			19.53	132		4 130			C			0 0		
	2010	90		3 99		20.03	119		3 116			0		0	0 0		
	2011	82		2 88			108		3 103			C		0	0 0		
	2012	75		2 81 2 72			99		3 95			0		0 0	0 0		
	2013 2014	68 64		2 72 2 67		21.52 22.02	90 84		2 85 2 78			0		0	0 (		
	Sub.	116		4 1553			153		4 1826			C		0	6 5		
	Rem.	21				28.05	23		1 818			0		0	0 0		
	Tot.	43		1 2320			54		1 2645			0		0	6 5		
				NGL Proc					+ NGL P						roduction		
							***************************************							-			
		Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Daily	Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	S/BOE	
	2003	609	18			27.36	1642					3804		1 8419	3 70786	32.37	
	2004	537	10				1385			0 37277		3279					
	2005	476	14				1143			6 30308					9 47970		
	2006 2007	427 382	12 11				985 860			6 23735 9 19955					94 39141 34 32857		
	2007	342	10				738								5 28025		
	2009	306		9 317													
	2010	275		8 283			569					1505			2 21310		
	2011	249		7 253			511	3:									
	2012	230		6 232			459										
	2013	209		6 208			413										
	2014 Sub	194		5 192			361								53 12092 14 393143		
	Sub.	353	10			22.56				6 236219					14 382147 16 05434		
	Rem.	57 128		1 2080 4 <b>6533</b>			89 <b>262</b>			7 41532 <b>3 27775</b> 1					66 95436 1 <b>0 47758</b> 3		
	100	128		- 0333	, -0230	44.03	202	10		5 2///51	. 40.0/	094	. 3	. 3/131	· •//565	49.00	

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### REVENUE AND EXPENSE FORECAST

		Re	evenue Bef	ore Burde	ns	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Royalty 1		Gas Pro	_	Total	Net	Oper	ating Expe	nses
	Oil	_	Interest NGL+Sul	Total	Royalty Interest	Company Total	Pre-Proc	Other	Allow	Other	Royalty After Process.	Revenue After Royalty	Fixed	Variable	Total
Year	M\$	MS	MS	MS	MS	M\$	MS	MS	MS	M\$	M\$	MS	MS	MS	M\$
2003	1588	785	. 174	2548	177	2725	228	205	7	-5	432	2293	341	179	520
2004	1072	602	122	1796	122	1918	156	136	6	-4	289	1628	346	147	493
2005	798	505	103	1406	91	1497	124	100	5	-3	222	1275	335	120	455
2006	614	459	92	1165	78	1243	109	80	5	-2	186	1057	314	99	412
2007	508	386	82	976	66	1042	93	65	4	-2	156	886	270	80	351
2008	435	337	74	845	52	897	83	52	4	-2	132	765	249	69	318
2009	381	303	68	751	41	792	75	45	4	-1	117	674	201	58	260
2010	335	276	62	672	31	703	68	39	3	-1	105	599	193	51	244
2011	280	249	57	586	24	610	65	35	3	0	97	513	172	45	217
2012	245	233	53	531	22	553	66	32	3	0	96	457	166	40	207
2013	220	210	48	478	18	496	59	28	3	0	84	412	157	37	194
2014	183	196	45	424	11	435	52	23	2	0	72	363	147	32	179
Sub.	6658	4540	980	12178	732	12911	1178	841	48	-18	1989	10921	2892	957	3849
Rem.	941	2415	615	3971	61	4033	609	158	33	7	727	3306	1434	321	1756
Tot.	7599	6955	1596	16150	794	16943	1787	998	81	-11	2716	14227	4327	1279	5605
Disc	4732	3156	682	8570	527	9098	820	605	33	-13	1405	7693	1924	672	2596

	Oth	er Expens	ses	Net											
				Prod'n	Other Is	ncome			N	et Capital	Investment	:	Before	Tax Cash I	Flow
Year	Mineral Tax MS	Capital Tax MS	NPI Payment MS	Revenue M\$	Other M\$	ARTC M\$	Aband. Costs MS	Oper. Income MS	Dev. M\$	Plant MS	Tang. M\$	Total M\$	Annual M\$	Cum. M\$	12% Dcf MS
2003	116	15	O	1642	3	4	0	1649	0	0	0	0	1649	1649	1558
2004	58	8	0	1069	2	2	0	1073	0	0	0	0	1073	2722	2463
2005	35	5	0	779	2	2	0	783	0	0	7	7	776	3498	3048
2006	24	4	0	616	1	1	0	619	0	0	63	63	556	4054	3422
2007	16	3	0		0	1	0		0	0	0	0	517	4571	3732
2008	10	3	C	434	0	0	0	435	0	0	5	5	430	5001	3963
2009	7	2		405	0	0	0	406	0	0	0	0	406	5406	4157
2010	5	2	0		0	0	0		0	0	0	0	348	5754	4306
2011	5	2	0		0	0	0	289	0	0	0	0	289	6044	4416
2012	4	1	0		0	0	0		0	0	0	0	245	6289	4500
2013	3	1	0	213	0	0	0	213	0	0	0	0	213	6502	4564
2014	3	1	0	180	0	0	0	180	0	0	, 0	0	180	6683	4613
Sub.	287	48		6738	8	12	0	6757	0	0	75	75	6683	6683	4613
Rem.	16	1	0	1534	0	0	0	1534	0	0	0	0	1534	- 8216	4798
Tot.	303	48	0	8271	8	12	0	8291	0	0	75	75	8216	8216	4798
Disc	230	35	0	4832	7	9	0	4848	0	0	50	50	4798	4798	4798

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#### RESERVE SUMMARY

		Rei	naining Res	serves at J	anuary 1, 200	13	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2436	254	3	257	230	1.000	257	4:	33.0	5.4	3.6
Solution Gas	Mmcf	3709	165	7	172	123	6.000	29	:	33.0	7.7	5.8
Residue Gas	Mmcf	43599	1164	160	1324	1076	6.000	221	39	50.0	8.5	6.0
Total Gas	Mmcf	47307	1329	168	1496	1199	6.000	249	4	50.0	8.4	5.9
	MMMBtu	48939	1371	0	1541	1235				50.0	8.4	5.9
Condensate	Mstb	558	15	0	16	11	1.000	16	;	3 50.0	9.8	6.9
Butane	Mstb	792	23	0	23	17	1.000	23	4	50.0	10.1	7.2
Propane	Mstb	988	26	0	26	20	1.000	26	:	5 50.0	9.7	6.8
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	6.1	3.8
Total NGL	Mstb	2339	64	1	65	48	1.000	65	1	50.0	9.9	6.9
Total Oil+NGL	Mstb	4775	318	4	322	278	1.000	322	50	5 50.0	5.9	4.1
Total Oil Eq.	Mstb	12659	540	32	572	478		572	100	50.0	6.8	4.8

# PRODUCT REVENUE AND EXPENSES

				Average F	irst Year U	nit Values			Net Rev	enue A	fter Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	38.50	-4.98	33.52	4.37	8.68	2.19	18.28	6859	48	4245	5 55
Solution Gas	\$/Mcf	5.40	-0.38	5.02	1.32	0.21	0.06	3.43	625	4	308	3 4
Residue Gas	S/Mcf	5.40	-0.09	5.31	0.97	0.52	0.13	3.68	5517	39	2605	34
Total Gas	S/Mcf	5.40	-0.13	5.27	1.02	0.48	0.12	3.65	6142	43	2912	38
Condensate	\$/Stb	39.27	-0.59	38.68	9.54	3.90	0.33	24.92	409	3	184	2
Butane	S/Stb	27.25	-1.97	25.28	6.18	2.68	0.60	15.82	401	3	169	2
Propane	S/Stb	24.60	-2.10	22.50	5.27	2.26	0.62	14.35	416	3	182	2 2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.10	12.62	0	0		0
Total NGL	S/Stb	29.05	-1.69	27.36	6.61	2.80	0.54	17.41	1226	9	536	5 7
Total Oil+NGL	S/Stb	37.35	-4.58	32.77	4.65	7.97	1.99	18.17	8085	57	4780	62
Total Oil Eq.	\$/BOE	35.61	-3.24	32.37	5.15	6.18	1.55	19.48	14227	100	7693	100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Vali	ue Betore In	come l'ax	
Revenue Interests	and Burdens	s (%)	Disc.	Prod'n	Operating	Capital	Cash Fl	low
	Initial	Average	Rate %	Revenue M\$	Income M\$	Invest. MS	MS	\$/BOE
Working Interest	5.8277	4.2949	0.0	8271	8291	75	8216	14.38
Capital Interest	0.0000	24.6111	8.0	5517	5534	57	5477	9.58
Royalty Interest	0.4056	0.2111	10.0	5145	5161	53	5108	8.94
Crown Royalty	8.9676	11.0665	12.0	4832	4848	50	4798	8.39
Non-crown Royalty	8.0649	6.1823	15.6	4445	4460	46	4414	7.72
Mineral Tax	4.5525	1.8732	18.0	4130	4144	42	4102	7.18
NPI Payment	0.0000	0.0000	20.6	3950	3964	39	3925	6.87

Project.....103576

Entity......Total Corporate Incl. Adjustments (Proved Plus Probable Producing)

Run date....Thu Feb 27 2003 09:26:47 Evaluator...Hladyshevsky, Myron J.

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Company: Property: Description:

Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class:

Proved Plus Probable Nonproducing GLJ (2003-01)

Pricing: Effective Date:

January 01, 2003

#### PRODUCTION FORECAST

				Oil	Productio	n			Total C	as Produ	ction			Conden	sate Prod	uction	
Year	Gross \	Wells Gas	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mcf	Net Yearly Mcf	Price \$/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
003	2	1	76	51	18498	13686	35.15	194	12	4443	2311	5.90	2	0	42	20	41.0
04	3	4	99	63	22896	18549	29.90	1399	136	49607		5.25	15	1	522		34.
)5	4	6	133	54	19732	16222	27.89	2423	185	67682		4.88	27	2	729		32.
)6	3	6	115	47	16979	14111	27.89	1508	115	42026	29152	5.05	17	1	452	296	32
07	3	6	106	41	14942	12573	27.88	1027	78	28324	20337	5.05	11	1	305	201	32
96	3	8	80	36	13229	11283	28.38	1599	66	24120	18136	5.06	17	1	259	177	32
)9	3	8	70	31	11497	9948	28.88	1670	54	19787	15243	5.06	18	1	212	149	33
10	3	7	62	27	10013	8801	29.39	1116	39	14381	11144	5.12	12	0	154	108	33
11	3	7	55	24	8737	7786	29.90	821	31	11330		5.17	9	0		84	34
12	3	7	48	21	7639	6889	30.41	538	15	5490			6	0		48	34
13	3	4	43	18	6692	6097	30.92	376	11	4013		5.36	4	0		36	35
14	3	4	38	16	5873	5420	31.44	303	9	3350	2863	5.41	3	0	36	30	35
b.	3	5	77	36	156728	131365	29.75	1081	63	274554	193874	5.08	12	1	2933	1955	33
m.	1	0	11	2	29707	27951	33.57	18	1	8124	6928	5.61	0	0	87	73	37
t.	2	2	27	10	186434	159315	30.36	273	15	282679	200802	5.10	3	0	3020	2028	33
			Buta	ne Produ	ction			Prop	ne Prod	uction			Etha	ne Prodi	ection		
	Year	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Stb	Compny Daily Stb	Compn Yearly Stb		Price S/Bbl	
	2003	3	***************************************	0 6	4 32	25.25	3		) 7	4 37	22.75	(	·	0	0 0	0.00	
	2004	22		2 79		19.50	26		3 92					0	0 0		
	2005	43		3 112		18.50	49		3 127					0	0 0		
	2006	27		2 69		18.49	32		79					0	0 0		
	2007	18		1 46		18.49	23	-						0	0 0		
	2008	27		1 39		18.99	32		1 45					0	0 0		
	2009	28		1 32		19.49	33		1 37					0	0 0		
	2010	19		1 23		19.99	23		27				)	0	0 0		
	2011	14		1 18		20.49	17		21				)	0	0 0		
	2012	9		0 9	1 74	20.98	11	(	) 10	15 86	19.01	(	)	0	0 0	0.00	
	2013	6		0 6	6 56	21.48	8	(	) 7	6 65	19.51	(	)	0	0 0	0.00	
	2014	5		0 5	5 46	21.98	7	(	) (	54 54	19.76	(	)	0	0 0	0.00	
	Sub.	18		1 450	3 3046	19.18	22		516	6 3495	17.89	(	)	0	0 0	0.00	
	Rem.	0		0 13	3 113	22.88	0	(	) 15	8 134	20.54	(	)	0	0 0		
	Tot.	5		0 463		19.29	6	(	532					0	0 0		
			Total 1	NGL Proc	luction			Γotal Oil	+ NGL F	roduction	1		Total Oi	l Equiv. F	roduction	1	
		Gross	Compny	Compny	Net		Gross	Compny	Compny	/ Net		Gross	Compny	Compn	y Net		
	Year	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/BOE	
	2003	8		0 18	0 89	27.89	84	5	1 1867	8 13775	35.08	113	7 5	3 194	19 14160	35.09	
	2004	63		6 224	3 1446	22.27	162	69	2513	8 19995	29.22	395	5 9	2 3340	06 25360	29.78	
	2005	119		9 312		21.27	252	6						4 341			
	2006	75		5 194				5						1 259			
	2007	52		4 131			158	4:						7 209			
	2008	76		3 111			157	3						0 183			
	2009	79		2 91	1 645		150	3.	1240				3 4	3 1570	06 13133	28.81	
	2010	53		2 66			115	25						6 130			
	2011	40		1 52		22.99	94	2:						1 1114			
	2012	26		1 25			75	2:						4 88			
	2013	19		1 18				13						1 75			
	2014	15		0 15	4 131	24.30	53	1	7 602	8 5551	31.25	103	3 1	8 65	36 6028	31.36	
	Sub.	52		3 1260	2 8495	21.91	129	3	16933	0 139860	29.16	309	) 4	9 2150	39 172172	29.45	
	Rem.	1		0 37	8 321	25.15	12	:	3008	34 28271	33.46	15	5	2 314	39 29426	33.47	
		13		1 1298	0 8816		40	1	1 19941	4 168131					28 201598		
	Tot.	13									27.01	0.	, ,				

### REVENUE AND EXPENSE FORECAST

		R	evenue Befo	ore Burde	ns		Royalty 1		Gas Pro		Total	Net	Oper	ating Expe	nses
		Working	g Interest		Royalty	Company	Pre-Proc	essing	Allow	ance	Royalty After	Revenue After			
Year	Oil MS	Gas M\$	NGL+Sul M\$	Total MS	Interest MS	Total MS	Crown M\$	Other M\$	Crown M\$	Other MS	Process. MS	Royalty MS	Fixed MS	Variable M\$	Total MS
2003	650	26	5 5	681	0	681	141	43	0	0	184	498	25	39	64
2004	684	260	50	995	0	995	155	81	3	3	230	765	48	60	108
2005	550	331	. 67	947	(	947	143	84	4	4	219	729	60	62	122
2006	474	212	41	727	0	727	98	59	2	2	153	574	59	48	108
2007	417	143	28	588	(	588	70	44	1	2	111	476	59	40	99
2008	375	122	24	522	(	522	54	38	1	1	90	432	60	36	96
2009	332	100	20	453	(	453	41	32	1	1	71	381	60	31	91
2010	294	74	15	383	(	383	30	26	0	1	55	328	59	26	85
2011	261	59	12	332	(	332	22	22	0	1	43	289	60	23	82
2012	232	29	6	267	(	267	14	14	0	C	28	240	53	18	71
2013	207	21	4	233	(	233	10	12	0	C	22	211	52	16	67
2014	185	18	3 4	207	(	207	7	11	0	C	17	190	52	14	66
Sub.	4662	1396	276	6334	(	6334	784	466	13	16	1222	5112	646	414	1060
Rem.	997	46	5 10	1052	(	1052	20	46	0	1	65	987	449	71	520
Tot.	5659	1441	286	7386	(	7386	804	512	13	16	1287	6099	1095	485	1580
Disc	3127	920	182	4229	(	4229	563	313	9	10	857	3372	414	273	687

	Ot	her Expen	ses	Net											
				Prod'n	Other I	ncome		_	N	et Capital	Investment	<u> </u>	Before	Tax Cash I	low
Year	Mineral Tax M\$	Capital Tax M\$	NPI Payment MS	Revenue M\$	Other M\$	ARTC M\$	Aband. Costs M\$	Oper. Income M\$	Dev. M\$	Plant M\$	Tang. M\$	Total MS	Annual MS	Cum. MS	12% Dcf M\$
2003	0	0	C	434	0	32	0	466	836	0	215	1051	-585	-585	-553
2004	6	0	C	650	0	22	0	672	51	1	20	73	600	15	-47
2005	8		C	598	0	16	0	614	5	0	0	5	609	624	412
2006	5	. 0		461	0	13	0	474	0	0	0	0	474	1099	731
2007	3	0		374	0	11	0	384	0	0	0	0	384	1483	962
2008	3	0			0	8	0		4	0	0	4	337	1820	1143
2009	3	0			0	6	0		0	0	0	0	294	2114	1284
2010	2				0	5	0		0	0	0	0	246	2361	1389
2011	1	0	-		0	4	0		0	0	0	0	209	2569	1469
2012	1	0			0	3	0		0	0	0	0	171	2740	1527
2013	ı	0			0	2	0		0	0	0	0	145	2885	1571
2014	0	0	(	123	0	1	0	124	0	0	0	0	124	3009	1605
Sub.	33	0	0	4018	0	124	0	4142	897	1	235	1133	3009	3009	1605
Rem.	1	C	C	466	0	4	0	471	1	0	1	3	468	3478	1693
Tot.	34	. 0	C	4485	0	128	0	4613	898	2	236	1135	3478	3478	1693
Disc	22		0	2663	0	90	0	2753	840	1	220	1061	1693	1693	1693

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### RESERVE SUMMARY

		Rei	naining Res	erves at J	anuary 1, 200	3	Oi	il Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	485	186	0	186	159	1.000	186	7	6 29.0	10.1	5.0
Solution Gas	Mmcf	313	1	0	) 1	1	6.000	0		0 21.0	8.1	6.7
Residue Gas	Mmcf	4676	282	0	282	200	6.000	47	1	9 17.0	63.4	3.5
Total Gas	Mmcf	4989	283	C	283	201	6.000	47	1	9 21.0	62.1	3.5
	MMMBtu	5397	308	C	308	218				21.0	62.1	3.5
Condensate	Mstb	54	3	0	3	2	1.000	3		1 21.0	72.0	3.5
Butane	Mstb	85	5	0	5	3	1.000	5		2 21.0	72.2	3.5
Propane	Mstb	103	5	0	5	4	1.000	5		2 21.0	71.9	3.5
Total NGL	Mstb	243	13	C	13	9	1.000	13		5 21.0	72.0	3.5
Total Oil+NGL	Mstb	727	199	C	199	168	1.000	199	8	1 29.0	10.7	4.9
Total Oil Eq.	Mstb	1559	247	C	247	202		247	10	0 29.0	12.7	4.5

### PRODUCT REVENUE AND EXPENSES

				Average Fi	rst Year U	nit Values			Net Rev	enue A	fter Royali	ies
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	38.50	-3.35	35.15	9.17	3.27	0.00	22.71	4849	80	2592	77
Solution Gas	S/Mcf	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4	0	2	. 0
Residue Gas	S/Mcf	5.40	0.50	5.90	2.82	0.58	0.00	2.51	1045	17	653	19
Total Gas	S/Mcf	5.40	0.50	5.90	2.82	0.58	0.00	2.51	1049	17	654	19
Condensate	\$/Stb	39.50	1.50	41.00	20.14	4.02	0.00	16.84	71	1	45	
Butane	\$/Stb	27.25	-2.00	25.25	12.52	2.48	0.00	10.26	63	1	39	1
Propane	\$/Stb	24.75	-2.00	22.75	11.27	2.23	0.00	9.25	67	1	42	. 1
Total NGL	S/Stb	29.08	-1.18	27.89	13.78	2.73	0.00	11.38	201	3	126	4
Total Oil+NGL	S/Stb	38.41	-3.33	35.08	9.21	3.26	0.00	22.61	5051	83	2717	81
Total Oil Eq.	\$/BOE	38.18	-3.09	35.09	9.51	3.27	0.00	22.32	6099	100	3372	100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	rresent vai	ue Beiore In	come rax	
Revenue Interests	and Burden	s (%)	Disc.	Prod'n	Operating	Capital	Cash Fl	ow
	Initial	Average	Rate %	Revenue MS	Income MS	Invest. MS	MS	\$/BOE
Working Interest	46.0890	16.3721	0.	0 4485	5 4613	1135	3478	14.11
Capital Interest	82.4311	30.0193	8.	0 3086	3186	1084	2102	8.53
Royalty Interest	0.0000	0.0000	10.	0 2859	2954	1072	1882	7.63
Crown Royalty	20.7372	10.8827	12.	0 2663	3 2753	1061	1693	6.87
Non-crown Royalty	6.3477	6.9310	15.	0 2415	2500	1045	1455	5.90
Mineral Tax	0.0000	0.4667	18.	0 2210	2289	1029	1260	5.11
NPI Payment	0.0000	0.0000	20.	0 2092	2168	1020	1149	4.66

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Proved Plus Probable Nonproducing)

Evaluator...Hladyshevsky, Myron J.

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### **Economic Forecast**

Company: Millennium Energy Inc.

Property: C

Corporate

Description: Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Plus Probable Total

Pricing: Effective Date:

GLJ (2003-01) January 01, 2003

### PRODUCTION FORECAST

							PRODU	JCHO	NFUR	ECASI	L						
				Oil F	roductio	n			Total G	as Produ	ction			Condens	sate Prod	uction	
Year	Gross \	Wells Gas	Gross Daily Stb	Compny ( Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mmcf	Net Yearly Mmcf	Price S/Mcf	Gross Daily Stb	Compay Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
						***************************************	***************************************										
2003	52	36	1110	182	66467	55394	33.97	13163	499	182	147	5.29	147	4 5	1637	1208	38.74
2004 2005	53 44	38 39	947 799	165 135	60066 49336	51461 42690	29.43 27.50	12768 12408	551 544	201 198	155 152	4.81 4.61	143 141	5	1915 1960	1370 1390	32.83 30.94
2006	41	39	673	109	39623	34444	27.63	10418	428	156	122	4.74	119	4	1546	1107	30.77
2007	38	38	584	92	33732	29511	27.60	8957	340	124	98	4.73	103	3	1277	920	30.67
2008	32	37	476	79	28845	25467	28.16	8655	294	107	85	4.73	99	3	1110	806	31.11
2009	30	35	415	68	24937		28.65	7950	254	93	74	4.74	92	3	978	712	31.55
2010	27	31	356	59	21619	19399	29.17	6729	216	79	63	4.78	78	2	839	608	31.93
2011	27	29	317	50	18319	16392	29.62	5880	187	68		4.85	69	2 2	734	531	32.38
2012 2013	24 23	28 25	277 246	44 38	15903 13977	14094 12523	30.13 30.63	5195 4590	157 136	57 50	46 40	4.92 4.98	61 54	1	620 546	458 403	32.69 33.18
2013	20	23	205	32	11844	10770	31.16	4179	120	44		5.07	50	1	501	369	33.64
Sub.	34	33	534	88		334323	29.59	8408	310	1360		4.84	96	3	13662	9882	32.56
Rem.	5	7	42	4		54514	33.34	1115	30	419	330		14	0	5038	3590	39.59
Tot.	12	13	160	24	443200		30.09	2866	97	1779			34	1	18699	13472	34.45
			Buta	ne Produc	ction			Prop	anc Produ	ıction			Etha	ne Produ	ction		
		Canan	C	Camana	Not		Cross	Compny	Compny	Mat		Cross	Communi	Communi	Nat		
		Gross Daily	Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Daily	Yearly	Net Yearly	Price	Gross Daily	Daily	Compny Yearly	Net Yearly	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	
				***************************************													
	2003	201		5 237		25.28	268		8 280			C			1 1	18.25	
	2004	198 198	{	3 2816 3 2902		19.52 18.52	259 256		9 330 9 337			0			1 1 1 1	16.25	
	2005 2006	166		5 2280		18.52	216		7 265						1 0	15.25 15.75	
	2007	144		5 1879		18.52	188		5 219			Ċ			1 1	15.75	
	2008	139		1 1632		19.02	180		5 190			Ċ			0 0	15.75	
	2009	128	4	4 143:	1050	19.52	165		5 167	5 1242	18.12	C	)	0	0 0	15.75	
	2010	109	-			20.02	141		1 143						0 0	15.75	
	2011	96		3 1072 2 903		20.52	124		3 125			(			0 0	16.00	
	2012 2013	85 75		2 90. 2 790		21.02 21.52	111 98		3 105 3 92			0			0 0		
	2014	69		2 726		22.02	90		2 85		19.61	Č			0 0	16.75	
	Sub.	134		5 2003		20.13	175		5 2343						6 5		
	Rem.	21				27.96	- 23		1 833						0 0	0.00	
	Tot.	48		2 2783			60	:	2 3177						6 5		
			Total l	NGL Prod	uction			Total Oil	+ NGL P	roduction	1		Total Oil	l Equiv. P	roduction		
		Gross	Company	Compny	Net	_	Gross	Compres	Compny	Net		Gross	Compres	Compny	Net	-	
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bb!	Stb	Stb	Stb	Stb	\$/BOE	
	2003	617	19	9 6810	5100	27.37	1727	20	1 7327	7 60495	33.36	3921	28	4 10361	2 84946	32.88	
	2004	600				21.93	1546							8 10163	9 83174	28.66	
	2005	595				21.00	1394			4 48591		3462				26.97	
	2006	502					1175			7 39132					0 59397		
	2007 2008	435 418					1018 894			1 33400 4 28870							
	2009	385				21.83	800			6 25182							
	2010	328					685			1 21961							
	2011	289		3060		22.59	606					1585			5 27633		
	2012	256		7 258		22.94	534							7 2801	4 23650	29.27	
	2013	228		6 226			474			2 14213					3 20810		
	2014	209		5 2078			414			2 12317					9 18120		
	Sub.	405					939			6 376079					3 554320		
	Rem.	58		2 21178			100			1 69803					5 124861	33.99	
	Tot.	141			7 57045	24.36	301	2		7 445882	29.23	779	4	5 81803	8 679181	29.74	
1-10351	7/0/		T 3003 /	111.0	T-4	-1 0	4 - T			COO	4					-	

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### REVENUE AND EXPENSE FORECAST

		Re	venue Befo	ore Burde	ns	************	Royalty I		Gas Pro	_	Total	Net	Орег	ating Exper	nses
Year	Oil M\$	Working Gas MS	Interest NGL+Sul MS	Total MS	Royalty Interest M\$	Company Total MS	Pre-Proc	Other MS	Allow Crown MS	Other M\$	Royalty After Process. M\$	Revenue After Royalty M\$	Fixed M\$	Variable M\$	Total M\$
2003	2239	811	179	3229	177	3407	370	249	7	-4	616	2791	366	218	584
2004	1756	862	172	2790	122	2913	311	217	9	-1	519	2393	394	208	602
2005	1348	836	170	2354	91	2445	267	184	9	1	441	2004	395	183	578
2006	1088	671	133	1892	78	1970	207	139	7	0	339	1631	373	147	520
2007	925	529	110	1564	66	1630	163	110	5	0	268	1362	329	120	450
2008	810	459	98	1367	52	1419	137	90	5	0	222	1197	310	104	414
2009	713	403	88	1203	41	1244	116	77	4	0	189	1056	261	89	351
2010	629	349	77	1055	31	1086	98	65	4	0	159	927	252	77	329
2011	541	308	69	918	24	942	87	57	3	0	140	801	232	67	299
2012	478	262	59	798	22	820	80	46	3	0	123	697	219	59	278
2013	427	232	53	711	18	728	68	40	3	0	106	623	209	53	261
2014	368	214	49	630	11	642	59	33	2	1	89	552	199	46	245
Sub.	11320	5936	1257	18512	732	19245	1962	1307	61	-3	3211	16034	3538	1371	4910
Rem.	1938	2461	625	5024	61	5085	629	204	33	8	792	4293	1883	392	2276
Tot.	13258	8396	1881	23536	794	24330	2591	1510	94	5	4003	20327	5421	1764	7185
Disc	7859	4076	864	12799	527	13326	1382	918	42	-3	2262	11065	2339	945	3283

	Otl	ner Expen	ses	Net											
		~		Prod'n	Other I	ncome			N	et Capital	Investment		Before	Tax Cash I	low
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment MS	MS	Other M\$	ARTC M\$	Aband. Costs MS	Oper. Income M\$	Dev. M\$	Plant M\$	Tang. MS	Total M\$	Annual MS	Cum. M\$	12% Def M\$
2003	116	15	5 0	2076	3	36	0	2115	836	0	215	1051	1064	1064	1005
2004	65	8	3 0	1719	2	25	0	1746	51	1	20	73	1673	2737	2417
2005	43	5	5 0	1377	2	18	0	1397	5	0	7	12	1385	4122	3460
2006	29	4	1 0	1078	1	14	0	1093	0	0	63	63	1031	5153	4153
2007	19	3	0	890	0	11	0	901	0	0	0	0	901	6054	4694
2008	13	3	6	767	0	9	0	776	4	0	5	8	767	6821	5106
2009	10	2	2 0	693	0	7	0	700	0	0	0	0	700	7520	5441
2010	7	2	2 0	589	0	5	0	594	0	0	0	0	594	8115	5695
2011	6	2	2 0	494	0	4	0	498	0	0	0	0	498	8613	5885
2012	5	1		413	0	3	0	416	0	0	0	0	416	9029	6027
2013	4	1		356	0	2	0	358	0	0	0	0	358	9387	6136
2014	3	1		303	0	1	0	305	0	0	0	0	305	9692	6218
Sub.	320	48	3 (	10756	8	135	0	10899	897	1	309	1207	9692	9692	6218
Rem.	17	1		2000	0	4	0	2005	1	0	1	3	2002	11694	6490
Tot.	337	48	3 0	12756	8	140	0	12904	898	2	310	1210	11694	11694	6490
Disc	251	35	5 0	7495	7	99	0	7601	840	1	270	1111	6490	6490	6490

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### RESERVE SUMMARY

		Rei	naining Res	erves at Ja	anuary 1, 200	3	0	il Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2921	440	3	443	389	1.000	443	54	33.0	6.7	4.2
Solution Gas	Mmcf	4022	166	7	173	124	6.000	29	4	33.0	7.7	5.8
Residue Gas	Mmcf	48275	1446	160	1606	1276	6.000	268	33	50.0	10. k	5.2
Total Gas	Mmcf	52297	1611	168	1779	1400	6.000	297	36	5 50.0	9.8	5.3
	MMMBtu	54336	1678	0	1848	1453				50.0	9.8	5.3
Condensate	Mstb	613	18	0	19	13	1.000	19	:	2 50.0	11.4	5.9
Butane	Mstb	878	27	0	28	20	1.000	28	3	50.0	11.7	6.0
Propane	Mstb	1091	31	0	32	23	1.000	32	4	50.0	11.3	5.8
Ethane	Mstb	0	0	0	0	0	1.000	0	{	13.0	6.1	3.8
Total NGL	Mstb	2581	77	1	78	57	1.000	78	10	50.0	11.5	5.9
Total Oil+NGL	Mstb	5502	518	4	522	446	1.000	522	64	50.0	7.1	4.4
Total Oil Eq.	Mstb	14218	786	32	818	679		818	100	50.0	7.9	4.7

### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	fter Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc MS	% of Total
Oil	\$/Stb	38.50	-4.53	33.97	5.71	7.18	1.59	19.50	11708	58	6836	62
Solution Gas	\$/Mcf	5.40	-0.38	5.02	1.32	0.21	0.05	3.44	629	3	310	) 3
Residue Gas	\$/Mcf	5.40	-0.08	5.32	1.02	0.52	0.13	3.65	6561	32	3257	29
Total Gas	S/Mcf	5.40	-0.11	5.29	1.06	0.48	0.12	3.63	7191	35	3567	32
Condensate	S/Stb	39.28	-0.53	38.74	9.82	3.90	0.28	24.74	481	2	229	2
Butane	S/Stb	27.25	-1.97	25.28	6.35	2.67	0.56	15.70	463	2	208	3 2
Propane	\$/Stb	24.61	-2.10	22.51	5.43	2.26	0.58	14.24	484	. 2	224	2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.08	12.63	0	0	0	0
Total NGL	\$/Stb	29.05	-1.68	27.37	6.80	2.80	0.50	17.27	1428	. 7	661	6
Total Oil+NGL	\$/Stb	37.62	-4.26	33.36	5.81	6.77	1.49	19.29	13136	65	7498	68
Total Oil Eq.	\$/BOE	36.09	-3.21	32.88	5.97	5.64	1.26	20.01	20327	100	11065	100

### INTEREST AND NET PRESENT VALUE SUMMARY

			N	et Present Val	ue Before In	come Tax	
Revenue Interests	and Burden	s (%)	Disc. Prod'n	Operating	Capital	Cash F	low
	Initial	Average	Rate Revenu % MS	MS MS	Invest. M\$	MS	\$/BOE
Working Interest	7.1448	5.5887	0.0 127	56 12904	1210	11694	14.30
Capital Interest	82.4311	29.6169	8.0 86	03 8719	1141	7579	9.26
Royalty Interest	0.3923	0.1885	10.0 80	04 8115	1125	6989	8.54
Crown Royalty	11.4514	11.0088	12.0 74	95 7601	1111	6490	7.93
Non-crown Royalty	7.7025	6.4172	15.0 68	60 6959	1090	5869	7.17
Mineral Tax	3.5917	1.4318	18.0 63	40 6434	1071	5362	6.56
NPI Payment	0.0000	0.0000	20.0 60	42 6132	1059	5073	6.20

Project......1035768

Entity......Total Corporate Incl. Adjustments (Total Proved Plus Probable)

Run date....Thu Feb 27 2003 09:26:51 Evaluator...Hladyshevsky, Myron J.

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### ESTABLISHED RESERVES FORECASTS

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Gilbert Laustsen Jung Associates Ltd.

### **Summary of Reserves and Values**

Company: Millennium Energy Inc.

Property: Corporate Pricing:

GLJ (2003-01) Effective Date: January 01, 2003

Description: Total Corporate Incl. Adjustments

MARKETABLE RESERVES	Established Producing	Total Established
Oil - MSTB	<del></del>	
Company Interest	226	365
Net After Royalty	202	318
Gas - MMCF		
Company Interest	1367	1508
Net After Royalty	1094	1194
Natural Gas Liquids - MSTB	11 TT Floures	
Company Interest	60	67
Net After Royalty	44	49
Oil Equivalent - MBOE		
Company Interest	514	683
Net After Royalty	429	566
BEFORE TAX PRESENT VALUE - \$	SM	
0.0%	7366	9880
8.0%	5067	6640
10.0%	4749	6172
12.0%	4480	5774
15.0%	4144	5275
18.0%	3869	4867
20.0%	3711	4633
FIRST 6 YEARS BEFORE TAX CAS	H FLOW - \$M	
2003	1628	1420
2004	1036	1437
2005	729	1116
2006	507	816
2007	469	724
2008	377	601

### Oil Equivalent Factors:

Oil	1.0	bbl/boe
Sales Gas	6.0	mcí/boe
Condensate	1.0	bbl/boe
Butane	1.0	bbl/boe
Propane	1.0	bbl/boe
Ethane	1.0	bbl/boe

1035768 Project

# Company Production, Reserves and Present Value Summary

			•								•	•							
Company: Millennium Energy Inc. Property: Corporate										Reserve Class: Development Class: Pricing: Effective Date:	lass: ent Class: )ate:	Established Producing GLJ (2003- January 01	Established Producing GLJ (2003-01) January 01, 2003						
	2003	Сотрапу	2003 Company Interest Prod'n	rod'n		Company Interest Reserves	Interest R	teserves			Net After Royalty Reserves	Royalty R	eserves	-	Reserve Life	B Discou	Before Income Tax Discounted Present Value M\$	me Tax	MS
Entity Description	Gas mcf/d	Oil bbl/d	NGL ppl/d	BOE bbl/d	Gas	Oil	NGL 8	Sulphur Mlt	BOE Mbbi	Gas	Oil	NGL Mbbl	Sulphur Mit	BOE	Index	%0	%01	12%	15%
Total Corporate																			
Chauvin	0	_	0	6		15	0	0	15	0	12	0	0	12	4.3	·š9	99	28	26
Condor Lower Mannville Natural Gas Unit No.	27	_	_	9		0	3	0	15	28	0	2	0	12	7.1	279	181	691	153
Craigend	26		0 (			0	0	0	4		0	0	0	3	2.7	70	62	9	28
Enchant	14	12	-	15	28	61	-	0	25	20	18	-	0	22	4.7	434	334	320	301
Glen Ewen	15	29				35	0	0	38		28	0	0	31	3.4	550	434	417	395
Handsworth	_	20	0 (			36	0	0	36		32	0	0	32	4.8	<i>LL</i> 9	475	452	422
Liege	71	_	0		_	0	0	0	21	126	0	0	0	21	4.9	458	334	317	296
Medicine River Glauconitic A Unit No. 4	Ŭ	_	0 0			0	0	0	0		0	0	0	0	1.9	-	-	-	-
Medicine River Non-Unit	138	=	٠,		33	35	15	0	105	268	31	13	0	88	7.1	1479	982	926	854
Medicine River Unit No. 4			0		3	2	0	0	2	3	-	0	0	7	7.0	58	20	8	17
Medicine River Viking D Unit No. 2	•	_	0			0	0	0	0	0	0	0	0	0	6.3	7	7	7	7
Michichi	0	_	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
Weirhill	4	. 43				78	0	0	78		73	0	0	74	4.9	753	294	573	544
Westerose	184		01 0		754	0	<del>\$</del>	0	991	575	0	28	0	124	11.2	2473	1197	1097	978
Willesden Green Glauconitic A Unit No. I	2		0	4	5	7	0	0	∞	3	9	0	0	7	5.8	8	2	19	28
Total Total Corporate	483	130	81 (	228	1367	226	09	0	514	1094	202	4	0	429	6.2	7355	4740	4471	4136
ARTC	0		0 0	0	0	0	0	0	0	0	0	0	0	0	0.0	=	6	6	∞
Total Corporate Incl. Adjustments	483	130	18	228	1367	226	09	0	514	1094	202	44	0	429	6.2	7366	4749	4480	4144
	-	BOE Factors:			1.00000	RES GAS			(*)	000000	ETHANE		c						
			ಶ	COND	000001	SLN GAS	9.00000		BUTANE	000001	SULPHUR	R 0.00000	0						

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>
Summar
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Company: Millennium Energy Inc. Property: Corporate									<u>ಇರಳಲ</u>	Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: ate:	Established Total GLJ (2003-January 01,	Established Total GLJ (2003-01) January 01, 2003						
	2003 C	2003 Company Interest Prod'n	nterest Pr	n'bo		Company Interest Reserves	nterest Re	serves		4	Net After Royalty Reserves	oyalty Re	- 1		Reserve Life	Bel Discoun	Before Income Tax Discounted Present Value MS	ne Tax at Value N	4S
Entity Description	Gas mcf/d	Oil bbl/d	NGL ppl/d	BOE bbi/d	Gas	Oil	NGL S Mbbl	Sulphur Mlt	BOE	Gas	Oil	NGL S Mbbl	Sulphur Mit	BOE I Mbbi	Index	%0	%01	12%	15%
Total Corporate																			
Chauvin	0	6	0	6	0	15	0	0	15	0	12	0	0	15	4.3	89	9	28	26
Condor Lower Mannville Natural Gas Unit No.	27	0	-	9	69	0	3	0	15	28	0	7	0	17	7.1	279	181	691	153
Craigend	26	0	0	4	56	0	0	0	4	21	0	0	0	3	2.7	70	62	90	28
Enchant	14	12	-	15	28	61	-	0	25	20	18	-	0	22	4.7	434	334	320	301
Glen Ewen	15	29	0 .	31	81	35	0	0	38	14	28	0	0	31	3.4	550	434	417	395
Handsworth	0	20	0	20	0	36	0	0	36	0	32	0	0	32	4.8	<i>LL</i> 9	475	452	422
Liege	71	0	0	12	126	0	0	0	21	126	0	0	0	21	4.9	458	334	317	296
Medicine River Glauconitic A Unit No. 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.1	-	-		_
Medicine River Non-Unit	144	12	7	42	467	35	21	0	134	363	31	16	0	108	8.7	1875	1248	1174	1079
Medicine River Unit No. 4	-	-	0	_	4	7	0	0	3	3	2	0	0	7	8.0	31	21	50	18
Medicine River Viking D Unit No. 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.3	2	7	7	2
Michichi	0	35	0	35	0	101	0	0	10	0	42	0	0	29	8.0	1624	1000	927	836
Weirhill	4	49	0	20	2	115	0	0	116	2	601	0	0	110	6.3	1117	959	109	531
Westerose	184	0	10	4	761	0	4	0	167	581	0	53	0	126	11.3	2490	1209	1108	886
Willesden Green Glauconitic A Unit No.1	2	3	٥	4	2	7	0	0	∞	3	9	0	0	7	5.8	18	2	19	28
Total Total Corporate	489	171	18	270	1508	365	67	0	683	1194	318	49	0	995	6.9	9759	1809	2687	5194
AGCA Adiustment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0
ARTC	0	0	0	0	0	0	0	0	0		0	0	0	0	0.0	121	16	87	81
Total Corporate Incl. Adjustments	489	171	18	270	1508	365	19	0	683	1194	318	49	0	999	6.9	0886	6172	5774	5275
	)B(	BOE Factors:			000001	RES GAS	9.00000			1.00000	ETHANE								
			COND		1.00000	SLN GAS	00000	BUTANE		1.00000	SULPHUR	0.00000							

### **Economic Forecast**

Company: Property: Millennium Energy Inc.

Corporate

Description: Total Corporate Incl. Adjustments

Reserve Class: Development Class: Established Producing GLJ (2003-01) January 01, 2003

Pricing: Effective Date:

### PRODUCTION FORECAST

							PRODU	JCTIO	N FOR	ECAST	Γ						
				Oil P	roductio	n			Total C	as Produ	ction			Conden	sate Prod	uction	
Year	Gross '	Wells	Gross ( Daily Stb	Compny ( Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mmcf	Net Yearly Mmcf	Price \$/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl
2002			1022		433.65	41104	22.61	12000	403	126		c 22	145		1505	1101	20.00
2003 2004	50 50	35 34	1022 824	130 99	47365 35964	41194 31858	33.51 29.11	12888 11195	483 407	176 149		5.27 4.67	145 127	4	1585 1372	1181 1022	38.68 32.20
2004	39	33	630	76	27578	24635	27.19	9750	347	127			112	3	1203	894	30.22
2006	37	33	526	58	21178	19039	27.38	8573	292	107			99	3	1052	779	30.16
2007	32	31	432	46	16940	15313	27.39	7557	247	90			88	3	924	683	30.15
2008	28	28	359	37	13634	12358	27.89	6623	212	77	62	4.64	77	2	805	592	30.57
2009	25	25	306	31	11421	10364	28.36	5865	184	67			69	2	716	525	31.04
2010	23	23	260	27	9707	8843	28.86	5243	162	59			62	2	638	466	31.50
2011	22	21	227	22	7969	7212	29.24	4677	140	51			56 51	2	566	413	31.99
2012 2013	19 16	20 20	194 155	18 13	6546 4628	5851 4105	29.77 29.93	4270 3845	125 111	46 40			46	1 1	508 456	371 333	32.46 32.95
2013	14	18	129	10	3761	3382	30.44	3423	98	36			41	1	412	299	33.42
Sub.	29	27	422	47		184154	29.48	6993	234	1025			81	2	10237	7558	32.41
Rem.	3	6	22	1	19465		32.66	920	25	342			11	0	4159	2934	39.58
Tot.	9	11	118	12		202070	29.75	2378	75	1367			28	1	14396		34.48
101.		**		ne Produc		2020.0	->110		ane Prodi		1074	5.07				.04,72	54440
						<del>, , , , , , , , , , , , , , , , , , , </del>								ine Produ			
		Gross		Compny	Net	D			Compny		D-1	Gross		Compn		D.:	
	Year	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl	
	2003	198		2294	***************************************	25.28	263		7 270	9 2071		. 0		 0	1 1	18.25	
	2004	173	5			19.53	230		6 234					0	1 1	16.25	
	2005	153	5			18.53	202		6 204					0	1 1	15.25	
	2006	135	4	1526	1135	18.53	178		5 179	1 1354	17.29	0	) (	0	1 0		
	2007	120	4	1342	995	18.52	158		4 157	2 1185	17.34			0	1 1	15.75	
	2008	106	3			19.02	139		4 136					0	0 0		
	2009	95	3			19.53	124		3 121 3 108					0	0 0		
	2010 2011	85 77	3			20.02 20.52	111 100		3 108 3 95					0 0	0 0	15.75 16.00	
	2012	70	2			21.01	91		2 86					0	0 0		
	2013	63	2			21.51	82		2 77					0	0 0		
	2014	58	2	607	7 444	22.01	73		2 69	3 514	19.62	: 0	1	0	0 0	16.75	
	Sub.	111	3	14855	11027	20.41	146		4 1741	5 13136	18.63		)	0	6 5	16.28	
	Rem.	18	(			28.01	19		0 682					0	0 0		
	Tot.	40	1	21369	15697	22.73	50		1 2424	4 18056	20.51	. 0	,	0	6 5	16.29	
			Total N	GL Prod	uction			Total Oil	+ NGL P	roduction	1		Total Oil	Equiv. P	roduction	· · · · · · · · · · · · · · · · · · ·	
		Gross		Compny	Net				Compny			Gross		Compn			
	Vaar	Daily	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/BOE	
	Year	Stb	310	310	310	3/1501		310			3/1501	310				JIBOE	
	2003	606	. 18				1628										
	2004	529	16				1353										
	2005 2006	466 412	14 12				1096 938			75 28385 7 22308							
	2007	366	11			20.82	798									26.88 26.88	
	2008	322	,,				681										
	2009	287	8				593										
	2010	258	7				518										
	2011	232	6				459										
	2012	213	6				407										
	2013	192	5				347										
	2014	173	10				302										
	Sub.	338	10				760			4 215879					7 353404		
	Rem. Tot.	48 118	1				70 <b>236</b>			5 30440 5 <b>246319</b>					12 75178 1 <b>9 428582</b>		
	760/		T 2002 0		· ••4449	_1_Ca				C22 m=: 1	40.00	032	. 4	0 3140	· 440384	49.49 D	1 - 6 2

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### REVENUE AND EXPENSE FORECAST

		Re	evenue Befo	ore Burder	18	***************************************	Royalty I		Gas Pro-	-	Total Royalty	Net Revenue	Oper	ating Exper	nses
		Working	Interest		Royalty	Company	110-1100	cosnig	Allow	ance	After	After			
Year	Oil MS	Gas MS	NGL+Sul M\$	Total MS	Interest MS	Total M\$	Crown M\$	Other M\$	Crown M\$	Other MS	Process. MS	Royalty M\$	Fixed MS	Variable M\$	Total M\$
2003	1568	780	173	2521	175	2696	226	203	7	-4	427	2269	341	178	519
2004	1036	592	120	1749	117	1866	152	132	6	-3	282	1584	345	144	489
2005	742	492	101	1336	86	1421	121	95	5	-2	213	1208	322	115	437
2006	573	431	89	1093	72	1165	104	74	5	-2	175	990	304	93	397
2007	460	367	78	905	57	962	88	58	4	-2	144	817	258	74	333
2008	378	319	70	767	43	810	78	47	4	-1	123	688	234	62	296
2009	322	284	64	670	33	702	70	41	3	-1	108	595	183	52	235
2010	279	257	58	593	25	619	63	35	3	0	95	523	177	45	222
2011	231	230		514	17	531	58	30	3	0			161	40	201
2012	193	210	48	451	16	467	54	26	3	0	78	389	149	35	183
2013	137	190		371	13	384	48	22	2	0			111	30	140
2014	113	172	40	326	9	335	43	18	2	0	59	277	102	26	128
Sub.	6033	4324	938	11295	663	11958	1106	781	46	-15	1857	10102	2688	893	3581
Rem.	626	2018	518	3162	40	3202	520	112	28	5	598	2604	1124	257	1380
Tot.	6659	6342	1456	14457	703	15160	1625	894	74	-10	2455	12705	3812	1150	4961
Disc	4375	3009	653	8037	486	8523	778	568	31	-11	1326	7197	1801	633	2433

	Ot	her Expen	ses	Net											
		~	) CDT	Prod'n	Other I	ncome			N	et Capital	Investment	t	Before	Tax Cash I	flow
Year	Mineral Tax MS	Capital Tax MS	NPI Payment MS	Revenue M\$	Other M\$	ARTC M\$	Aband. Costs M\$	Oper. Income MS	Dev. MS	Plant MS	Tang. M\$	Total M\$	Annual MS	Cum. M\$	12% Dcf M\$
2003	114	14		1621	3	4	0	1628	0	0	0	0	1628	1628	1538
2004	55	8	3 (	1032	2	2	0	1036	0	0	0	0	1036	2664	2412
2005	32	5	5 (	733	2	2	0	737	0	0	7	7	729	3394	2962
2006	21			568	1	1	0	570	0	0	63	63	507	3901	3303
2007	13				0	1	0		0	0	0	0	469	4369	3584
2008	9		-		0	0	0		0	0	5	5	377	4746	3786
2009	6		2 (	351	0	0	0	352	0	0	0	0	352	5098	3955
2010	5	2	? (	295	0	0	0	295	0	0	0	0	295	5393	4081
2011	4	l		240	0	0	0	240	0	0	0	0	240	5633	4173
2012	3	1	. (		0	0	0		0	0	0	0	201	5834	4241
2013	3	1		) 172	0	0	0	172	0	0	0	0	172	6007	4294
2014	2	(	) (	146	0	0	0	146	0	0	0	0	146	6153	4333
Sub.	268	43	3 (	6210	7	11	0	6228	0	0	75	75	6153	6153	4333
Rem.	11	(	) (	1212	0	0	0	1212	0	0	0	0	1212	7366	4480
Tot.	278	43	3 (	7422	7	11	0	7440	0	0	75	75	7366	7366	4480
Disc	216	32	2 (	4515	6	9	0	4530	0	0	50	50	4480	4480	4480

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### RESERVE SUMMARY

		Rei	naining Re	serves at Ja	anuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2156	224	2	226	202	1.000	226	44	33.0	4.8	3.1
Solution Gas	Mmcf	3271	148	6	154	110	6.000	26	:	33.0	6.9	5.1
Residue Gas	Mmcf	40122	1071	142	1213	983	6.000	202	39	50.0	7.9	5.5
Total Gas	Mmcf	43393	1219	148	1367	1094	6.000	228	4	50.0	7.8	5.5
	MMMBtu	44847	1257	0	1407	1126				50.0	7.8	5.5
Condensate	Mstb	513	14	0	14	10	1.000	14	3	50.0	9.1	6.4
Butane	Mstb	732	21	0	21	16	1.000	21	4	50.0	9.3	6.6
Propane	Mstb	904	24	0	24	18	1.000	24	:	5 50.0	8.9	6.2
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	5.4	3.3
Total NGL	Mstb	2149	59	1	60	44	1.000	60	13	50.0	9.1	6.4
Total Oil+NGL	Mstb	4305	283	3	286	246	1.000	286	56	5 50.0	5.3	3.6
Total Oil Eq.	Mstb	11537	486	28	514	429		514	100	50.0	6.2	4.3

### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	-38.50	-4.99	33.51	4.37	8.77	2.17	18.20	6009	47	3924	55
Solution Gas	\$/Mcf	5.40	-0.38	5.02	1.32	0.21	0.06	3.43	556	4	291	. 4
Residue Gas	\$/Mcf	5.40	-0.09	5.31	0.97	0.52	0.13	3.68	5024	40	2471	. 34
Total Gas	\$/Mcf	5.40	-0.13	5.27	1.02	0.48	0.12	3.65	5580	44	2762	38
Condensate	\$/Stb	39.27	-0.59	38.68	9.55	3.91	0.33	24.89	373	3	176	5 2
Butane	S/Stb	27.25	-1.97	25.28	6.18	2.69	0.59	15.81	365	3	162	2 2
Propane	S/Stb	24.60	-2.10	22.50	5.27	2.27	0.62	14.34	378	3	174	2
Ethane	\$/Stb	18.75	-0.50	18.25	4.46	1.08	0.10	12.62	0	0	(	0
Total NGL	\$/Stb	29.05	-1.69	27.36	6.62	2.81	0.54	17.39	1117	9	511	7
Total Oil+NGL	\$/Stb	37.35	-4.59	32.76	4.64	8.04	1.97	18.10	7125	56	4435	62
Total Oil Eq.	\$/BOE	35.60	-3.24	32.36	5.15	6.23	1.54	19.43	12705	100	7197	7 100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Val	ue Betore In	come lax	
Revenue Interests	and Burdens	(%)	Disc.	Prod'n	Operating	Capital	Cash Fl	low
	Initial	Average	Rate	Revenue MS	Income MS	Invest. M\$	M\$	\$/BOE
Working Interest	5.8110	4.2459	0	.0 742	2 7440	75	7366	14.33
Capital Interest	0.0000	24.6111	8.	0 510	8 5124	57	5067	9.86
Royalty Interest	0.4028	0.2064	10.	.0 478	7 4802	53	4749	9.24
Crown Royalty	8.9803	11.2431	12	.0 451	5 4530	50	4480	8.72
Non-crown Royalty	8.0526	6.1813	15	.0 417	6 4190	46	4144	8.06
Mineral Tax	4.5193	1.9242	18	.0 389	7 3911	42	3869	7.53
NPI Payment	0.0000	0.0000	20	0 373	7 3750	39	3711	7.22

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Established Producing)

Evaluator...Hladyshevsky, Myron J.

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### **Economic Forecast**

Company: Property:

Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments Description:

Reserve Class: Development Class:

Established Total

Pricing: Effective Date: GLJ (2003-01) January 01, 2003

### PRODUCTION FORECAST

							PRODU	CHO	NFUR	ECA51							
				Oil	Productio	п			Total G	as Produ	ction			Conden	sate Prod	uction	<del></del>
	Gross	Wells	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price
Year	Oil	Gas	Stb	Stb	Stb	Stb	S/Bbl	Mcf	Mcf	Mmcf	Mmcf	\$/Mcf	Stb	Stb	Stb	Stb	\$/Bbl
2003	52	36	1086	171	62268	51923	33.91	12985	489	178	144	5.28	146	4	1606	1191	38.71
2003	52	36	898	145	52812	45010	29.29	11895	475	173			134	4	1633	1188	32.57
2005	41	36	718	115	42143	36227	27.36	10961	440	161			125	4	1567	1131	30.67
2006	39	36	602	92	33756		27.49	9327	350	128		4.70	107	4	1278	927	30.52
2007	34	33	501	77	27968	24389	27.50	8071	285	104		4.70	94	3	1077	783	30.44
2008	30	31	413	64	23344	20485	28.01	7423	245	89		4.70	86	3	934	681	30.88
2009	27	29	354	55	20030	17693	28.49	6699	212	77		4.72	78	2	822	599	31.34
2010	25	26	302	47	17213	15337	29.00	5801	182 155	66			68	2 2	715 627	520	31.75 32.22
2011 2012	24 21	24 23	264 226	40 34	14513 12259	12954 10924	29.44 29.97	5088 4539	133	57 48			60 54	1	538	455 395	32.22
2012	18	22	184	26	9621	8597	30.33	4033	116	42			48	1	478	351	33.06
2014	16	20	154	22	8131	7358	30.85	3575	102	37			43	i	429	314	33.52
Sub.	31	29	475	74		280104	29.53	7533	265	1162			87	3	11704	8535	32.50
Rem.	4	6	28	3	41178		33.02	930	25	346			11	0	4202	2971	39.55
Tot.	10	11	136	20		318169	29.92	2514	83	1508			30	1	15906		34.36
				ne Produ				Prop	ane Prodi	uction			Etha	ine Produ	ction		
							-										
				Compny			Gross		Compny			Gross	Compny				
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	-	Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	
	2003	199	4	5 232	6 1743	25.28	265	:	8 274	7 2089	22.50	0		0	1 1	18.25	
	2004	184		7 238	8 1750	19.52	242	1	8 280	4 2082	17.64	. 0		0	1 1	16.25	
	2005	174		6 230			226		7 268						1 1		
	2006	149		5 187			194		6 218						1 0		
	2007	129		4 157			169		5 184 4 159						1 1 0		
	2008 2009	119 108		4 136 3 120		19.02 19.52	155 140		4 159 4 140						0 0		
	2010	94		3 120			122		3 121					0	0 0		
	2011	84		3 91			108		3 106					0	0 0		
	2012	75		2 78	4 578	21.01	97		3 91	4 685	18.85	0	)	0	0 0	16.50	
	2013	67		2 69		21.51	86		2 81	1 608	19.33	0			0 0	16.50	
	2014	61		2 63	4 467	22.01	77		2 72					0	0 0		
	Sub.	120	•	4 1710	7 12550	20.25	157		5 1999	9 14884	18.54			0	6 5	16.28	
	Rem.	18		0 658			19		0 690					0	0 0		
	Tot.	42		1 2368	7 17277	22.39	52		1 2690	6 19870	20.26	6 0	•	0	6 5	16.29	
			Total l	NGL Pro	luction			Total Oil	+ NGL P	roduction	n		Total Oi	Equiv. P	roduction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny	/ Net		Gross	Compny	Compny	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/BOE	
	2003	610					1695										
	2004	561	11				1459										
	2005	525					1244										
	2006	450					1052 893			6 33118							
	2007 2008	392 361					774										
	2009	327		9 342													
	2010	285		8 297										6 3126			
	2011	252		7 260			516							3 2656			
	2012	226		6 223			452			4 12581	28.88	1209	6	2 2254	18977	29.14	
	2013	201		5 198			385										
	2014	181		5 178			334								11 13583		
	Sub.	364					839			4 316077					7 469758		
	Rem.	49		1 1768						7 50749					96065		
	Tot.	124		4 6650	4 48657	24.39	260	2	4 43174	1 366826	29.07	679	3	7 68314	18 565822	29.60	
																_	

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### REVENUE AND EXPENSE FORECAST

		Re	venue Befo	ore Burde	ns		Royalty I		Gas Pro	_	Total	Net	Oper	ating Exper	nses
Year	Oi) MS	_	Interest NGL+Sul M\$	Total MS	Royalty Interest MS	Company Total M\$	Crown MS	Other M\$	Allow Crown MS	Other MS	Royalty After Process. M\$	After Royalty M\$	Fixed MS	Variable MS	Total MS
2003	2092	793	176	3061	175	3236	345	239	7	-4	582	2654	361	210	571
2004	1536	722	145	2404	117	2521	263	184	7	-2	441	2080	377	187	564
2005	1145	658	134	1937	86	2023	216	146	7	-1	356	1667	360	157	518
2006	922	537	109	1568	72	1640	171	112	6	-1	278	1362	342	127	469
2007	765	438	92	1296	57	1352	137	88	5	-1	221	1131	296	103	399
2008	652	380	82	1114	43	1157	116	72	4	0	184	973	273	87	360
2009	569	334	74	977	33	1009	99	62	4	0	158	852	222	74	297
2010	498	293	66	857	25	882	85	53	3	0	134	748	216	65	280
201 i	426	259	59	743	17	761	74	45	3	. 0	116	644	200	57	257
2012	366	225	51	641	16	657	65	37	3	0	100	557	185	49	233
2013	290	201	46	537	13	550	56	31	2	0	85	466	146	42	188
2014	250	181	42	473	9	483	49	26	2	0	72	410	138	37	175
Sub.	9511	5022	1076	15608	663	16271	1676	1095	52	-7	2727	13545	3117	1193	4311
Rem.	1350	2041	522	3913	40	3953	537	150	28	6	653	3300	1444	312	1756
Tot.	10860	7063	1598	19522	703	20224	2213	1246	81	-2	3380	16845	4562	1505	6067
Disc	6715	3470	743	10928	486	11415	1191	780	36	-6	1941	9473	2079	831	2910

	Other Expenses			Net											
				Prod'n	Other I	ncome			N	et Capital	Investment	:	Before	Tax Cash I	Flow
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment MS	Revenue M\$	Other MS	ARTC M\$	Aband. Costs M\$	Oper. Income M\$	Dev. M\$	Plant MS	Tang. MS	Total M\$	Annual MS	Cum. MS	12% Def MS
2003	114	14		1955	3	32	0	1990	433	0	137	570	1420	1420	1341
2004	58	8	3 (	1450	2	22	0	1474	26	1	10	36	1437	2857	2554
2005	36		5 (	1108	2	16	0	1126	3	0	7	10	1116	3973	3395
2006	23	4	• 0	866	1	12	0	879	0	0	63	63	816	4789	3943
2007	15	3	3 (	714	0	9	0	724	0	0	0	0	724	5512	4378
2008	10	2	2 (	600	0	7	0	608	2	0	5	7	601	6113	4700
2009	8	2	? (	546	0	6	0	551	0	0	0	0	551	6664	4964
2010	6	. 2	2 (	460	0	4	0	464	0	0	0	0	464	7129	5162
2011	5	1	. (	382	0	3	0	385	0	0	0	0	385	7514	5309
2012	4	1		319	0	3	0		0	0	0	0	322	7835	5419
2013	3	1		274	0	2	0	275	0	0	0	0	275	8111	5503
2014	2	0	) (	233	0	1	0	234	0	0	0	0	234	8345	5566
Sub.	284	43	3 (	8907	7	117	0	9031	463	1	222	686	8345	8345	5566
Rem.	11	C	) (	1532	0	4	0	1537	1	0	0	1	1535	9880	5774
Tot.	295	43	3 (	10439	7	121	0	10567	464	1	223	687	9880	9880	5774
Disc	227	32	2 (	6304	6	87	0	6397	434	1	188	623	5774	5774	5774

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### RESERVE SUMMARY

		Rei	naining Re	serves at Ja	anuary 1, 200	3	Oi	il Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2473	363	2	365	318	1.000	365	5:	3 33.0	5.9	3.8
Solution Gas	Mmcf	3428	148	6	155	111	6.000	26	4	33.0	7.0	5.1
Residue Gas	Mmcf	42460	1212	142	1354	1083	6.000	226	3:	50.0	8.7	5.1
Total Gas	Mmcf	45887	1360	148	1508	1194	6.000	251	3	7 50.0	8.5	5.1
	MMMBtu	47546	1411	0	1561	1235				50.0	8.5	5.1
Condensate	Mstb	540	16	0	16	12	1.000	16	:	50.0	9.9	5.8
Butane	Mstb	775	23	0	24	17	1.000	24		50.0	10.2	6.0
Propane	Mstb	955	26	0	27	20	1.000	27	4	50.0	9.8	5.7
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	5.4	3.3
Total NGL	Mstb	2270	66	1	67	49	1.000	67	10	50.0	10.0	5.9
Total Oil+NGL	Mstb	4743	428	3	432	367	1.000	432	63	50.0	6.3	4.0
Total Oil Eq.	Mstb	12391	655	28	683	566		683	100	50.0	6.9	4.4

### PRODUCT REVENUE AND EXPENSES

				Average Fi	rst Year U	nit Values			Net Rev	enue A	fter Royal	ies
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc MS	% of Total
Oil	S/Stb	38.50	-4.59	33.91	5.68	7.48	1.67	19.08	9523	57	5810	61
Solution Gas	S/Mcf	5.40	-0.38	5.02	1.32	0.21	0.05	3.44	558	3	292	2 3
Residue Gas	\$/Mcf	5.40	-0.08	5.32	1.00	0.52	0.13	3.67	5546	33	2797	30
Total Gas	\$/Mcf	5.40	-0.12	5.28	1.04	0.48	0.12	3.64	6104	36	3089	33
Condensate	\$/Stb	39.27	-0.56	38.71	9.69	3.91	0.29	24.82	409	2	198	3 2
Butane	\$/Stb	27.25	-1,97	25.28	6.27	2.69	0.57	15.76	397	2	181	. 2
Propane	S/Stb	24.60	-2.10	22.50	5.35	2.27	0.59	14.29	412	2	195	5 2
Ethane	S/Stb	18.75	-0.50	18.25	4.46	1.08	0.08	12.63	0	0		0
Total NGL	\$/Stb	29.05	-1.68	27.37	6.72	2.81	0.51	17.33	1218	7	574	6
Total Oil+NGL	S/Stb	37.58	-4.31	33.28	5.78	7.03	1.55	18.91	10740	64	6384	67
Total Oil Eq.	\$/BOE	36.02	-3.23	32.79	5.92	5.78	1.30	19.79	16845	100	9473	100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Vali	ue Betore In	come I ax	
Revenue Interests	and Burdens	i (%)	Disc.	Prod'n	Operating	Capital	Cash Fl	ow
	Initial	Average	Rate %	Revenue M\$	Income MS	Invest. MS	M\$	\$/BOE
Working Interest	6.8856	5.3442	0.0	10439	10567	687	9880	14.46
Capital Interest	80.0699	30.2858	8.0	7181	7283	642	6640	9.72
Royalty Interest	0.3931	0.1924	10.0	6707	6804	632	6172	9.03
Crown Royalty	11.2713	11.3358	12.0	6304	6397	623	5774	8.45
Non-crown Royalty	7.8073	6.3812	15.0	5799	5886	610	5275	7.72
Mineral Tax	3.7220	1.5133	18.0	5383	5465	598	4867	7.12
NPI Payment	0.0000	0.0000	20.0	5144	5223	590	4633	6.78

Project......1035768

Entity......Total Corporate Incl. Adjustments (Total Established)

Evaluator...Hladyshevsky, Myron J.

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### RESERVES DEFINITIONS

### PROVED / PROBABLE / ESTABLISHED / POSSIBLE

Reserves are evaluated by Gilbert Laustsen Jung Associates Ltd. (GLJ) in accordance with the following definitions, which meet guidelines set out by Canadian Securities regulatory authorities (National Policy 2-B):

**Proved Reserves**: Those reserves estimated as recoverable under current technology and existing economic conditions in the case of constant price and cost analyses and anticipated economic conditions in the case of escalated price and cost analyses, from that portion of a reservoir which can be reasonably evaluated as economically productive on the basis of analysis of drilling, geological, geophysical and engineering data, including the reserves to be obtained by enhanced recovery processes demonstrated to be economic and technically successful in the subject reservoir.

**Probable Reserves**: Those reserves which analysis of drilling, geological, geophysical and engineering data does not demonstrate to be proved, but where such analysis suggests the likelihood of their existence and future recovery under current technology and existing or anticipated economic conditions. Probable additional reserves to be obtained by the application of enhanced recovery processes will be the increased recovery over and above that estimated in the proved category which can be realistically estimated for the pool on the basis of enhanced recovery processes which can be reasonably expected to be instituted in the future.

**Established Reserves:** Proved reserves plus 50 percent probable reserves.

**Possible Reserves**: Those reserves which cannot be classified as either proved or probable at the present time because of relatively high uncertainty but which could reasonably be expected to be recovered with additional successful drilling and/or optimum production performance.

### DEVELOPMENT AND PRODUCTION STATUS

GLJ has divided the proved and probable reserves into producing and nonproducing categories and has further subdivided proved nonproducing reserves into developed nonproducing and undeveloped subcategories, in accordance with the following criteria:

**Producing Reserves:** Those reserves that are actually on production or, if not producing, that could be recovered from existing wells and facilities and where the reasons for the current nonproducing status is the choice of the owner rather than the lack of markets or some other reasons. An illustration of such a situation is a well or zone which is capable but is shut-in because its deliverability is not required to meet contract commitments. If reserves are currently shut-in, the date of resumption of production must be known with reasonable certainty.

Nonproducing Reserves: Those reserves that are not currently producing either due to lack of facilities and/or markets.

The nonproducing category may be subdivided into developed and undeveloped (GLJ presents these subcategories only for proved reserves):

**Developed Nonproducing Reserves:** Nonproducing reserves that are expected to be recovered from existing wells and installed facilities or, if facilities have not been installed, that would involve a low expenditure (e.g. when compared to the cost of drilling a well) to put the reserves on production.

**Undeveloped Reserves:** Those reserves expected to be recovered from known accumulations where a significant expenditure (e.g. when compared to the cost of drilling a well) is required to render them capable of production. They must fully meet the requirements of the reserves classification (proved, probable, possible) to which they are assigned.

In multi-well pools it may be appropriate to allocate total pool reserves between the producing and nonproducing categories, or to subdivide the reserves for the pool between developed and undeveloped. This allocation should be based on the estimator's assessment as to the reserves that will be recovered from specific wells, facilities and completion intervals in the pool and their respective development and production status.

### **EVALUATED RESERVES CATEGORIES**

Production/revenue projections are prepared on an unrisked basis for each of the following main reserves categories:

Proved Producing
Proved Developed Nonproducing
Proved Undeveloped
Total Proved
Proved Plus Probable Producing
Total Proved Plus Probable

where "Total Proved" and "Total Proved Plus Probable" represent the sum of the producing, developed nonproducing and undeveloped reserves. Other reserves categories are presented within this summary report for analysis convenience and are determined by difference. GLJ evaluates the possible reserves component only when specifically requested to do so.

When evaluating reserves, GLJ evaluators generally first identify the producing situation and assign proved and proved plus probable reserves in recognition of the existing level of development and the existing depletion strategy. Incremental nonproducing (developed nonproducing or undeveloped) reserves are subsequently assigned recognizing future development opportunities and enhancements to the depletion mechanism. It should be recognized that future developments may result in accelerated recovery of producing reserves.

## EVALUATION PROCEDURE TABLE OF CONTENTS

INTEREST DESCRIPTIONS

WELL DATA

**ACCOUNTING SUMMARY** 

PRODUCTION FORECASTS

OTHER INCOME

**ECONOMIC PARAMETERS** 

**CONSTANT PRICE ANALYSIS** 

LIST OF ABBREVIATIONS

### **EVALUATION PROCEDURE**

The following outlines the methodology employed by GLJ in conducting the evaluation of the Millennium Energy Inc. oil and gas properties.

### INTEREST DESCRIPTIONS

Millennium provided GLJ with current land interest information. These descriptions were accepted as represented with no further investigation by this firm.

### **WELL DATA**

Pertinent interest and offset well data such as drill stem tests, workovers, pressure surveys, production tests, etc., were provided by Millennium or were obtained from other operators, public records or GLJ nonconfidential files.

### ACCOUNTING SUMMARY

Millennium provided GLJ with available accounting data on a property basis and for the corporate total for the period January 1, 2002, to September 30, 2002. In some circumstances this information was also provided on a cost centre basis to address major reserves entities that are a subset of an Millennium property.

### PRODUCTION FORECASTS

In establishing all production forecasts, consideration was given to existing gas contracts and the possibility of contract revisions, to the operator's plans for development drilling and to reserves and well capability. Generally, development drilling in an area was not considered unless there was some indication from the operator that drilling could be expected or unless there was a significant contract deficiency.

The on-stream date for currently shut-in reserves was estimated with consideration given to the following:

- proximity to existing facilities
- plans of the operator
- economics

### **OTHER INCOME**

The following streams are included as "Other Income" in Millennium's corporate total economic forecasts:

• Processing Income – Millennium receives revenue from processing partner and third party oil, gas and water volumes in certain properties.

### **ECONOMIC PARAMETERS**

Pertinent economic parameters are listed as follows:

- a) The effective date is January 1, 2003.
- b) Operating and capital costs were estimated in 2003 dollars and then escalated as summarized in the Product Price and Market Forecasts section of this report.
- c) Economic forecasts were prepared for each property on a before income tax basis. Detailed discounting of future cash flow was performed using a mid-year discount factor of 12.0 percent with all values discounted annually to January 1, 2003, on a calendar year basis.
- d) Alberta gas cost allowance (AGCA) and Jumping Pound allowances on remaining undepreciated capital bases were included in the economic evaluation. Property evaluations were prepared using a 20 percent corporate effective rate for all properties. At the consolidation level, the corporate effective rate was calculated to reflect the results of our evaluation. The "AGCA Adjustment" reflects this impact of the calculated corporate effective rate. Mineral taxes on freehold interests were also included.
- e) Royalty credits under the Alberta Royalty Tax Credit (ARTC) plan have not been included in this analysis at the property level but have been included in corporate totals.

Based on the ARTC program announced by the Alberta government in January 1990 and modified effective January 1995, ARTC rebates are limited to 25 percent of Alberta Crown royalties to a maximum of \$500,000 per year under the GLJ January 1, 2003 Pricing scenario.

For purposes of this evaluation, the program is assumed to be maintained indefinitely.

- f) Field level overhead charges have not been included.
- g) Millennium office G&A costs have not been included.

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- h) Well/facility abandonment and lease reclamation costs have not been included in this evaluation.
- i) The Saskatchewan Resource Surcharge was included in this evaluation.

### **CONSTANT PRICE ANALYSIS**

Individual property analyses were rerun using zero inflation and with a price forecast that reflects pricing at December 31, 2002. The results are presented in the Constant Price Analysis section of this report.

### LIST OF ABBREVIATIONS

AOF	absolute open flow
ARTC	Alberta Royalty Tax Credit
BBLS	barrels
BCF	billion cubic feet of gas at standard conditions
BOE	barrel of oil equivalent, in this evaluation determined using 6 MCF/BOE
	for gas, 1 BBL/BOE for all liquids, and 0 BOE for sulphur
BOPD	barrels of oil per day
BTU	British thermal units
BWPD	barrels of water per day
DSU	drilling spacing unit
GCA	gas cost allowance
GOC	gas-oil contact
GOR	gas-oil ratio
GORR	gross overriding royalty
GWC	gas-water contact
MBBL	thousand barrels
MBOE	thousand BOE
MCF	thousand cubic feet of gas at standard conditions
MLT	thousand long tons
M\$	thousand Canadian dollars
MM\$	million Canadian dollars
MMBBL	million barrels
MMBOE	million BOE
MMBTU	million British thermal units
MMCF	million cubic feet of gas at standard conditions
MRL	maximum rate limitation
MSTB	thousand stock tank barrels
MMSTB	million stock tank barrels
NGL	natural gas liquids (ethane, propane, butane and condensate)
NPI	net profits interest
OGIP	original gas-in-place
OOIP	original oil-in-place
ORRI	overriding royalty interest
OWC	oil-water contact
P&NG	petroleum and natural gas
psia	pounds per square inch absolute

psig	pounds per square inch gauge
PVT	pressure-volume-temperature
RLI	reserves life index, calculated by dividing reserves by the forecast of first year production.
SCF	standard cubic feet
STB	stock tank barrel
WI	working interest
WTI	West Texas Intermediate

\_Gilbert Laustsen Jung Associates Ltd.<sup>1</sup>

## PRODUCT PRICE AND MARKET FORECASTS January 1, 2003

Gilbert Laustsen Jung Associates Ltd. has prepared its January 1, 2003, price and market forecasts as summarized in the attached Tables 1 and 2 after a comprehensive review of information. Information sources include numerous government agencies, industry publications, Canadian oil refiners and natural gas marketers. The accuracy of all factual data from all sources has been accepted as represented without detailed investigation by Gilbert Laustsen Jung Associates Ltd. The forecasts presented herein are based on an informed interpretation of currently available data. While these forecasts are considered reasonable at this time, users of these forecasts should understand the inherent high uncertainty in forecasting any commodity or market. These forecasts will be revised periodically as market, economic and political conditions change. These future revisions may be significant.

\_Gilbert Laustsen Jung Associates Ltd.

Revised December 11, 2002

Table 1
Gilbert Laustsen Jung Associates Ltd.
Crude Oil and Natural Gas Liquids
Price Forecast
Effective January 1, 2003

sp	Edmonton	Pentanes	Plus	\$Cdn/bbl	21.17	21.69	24.11	30.06	30.91	21.83	27.71	46.31	42.48	40.00	41.25	40.00	38.75	37.75	39.50	33.00	31.00	31.00	31.00	31.50	32.00	32.50	33.00	33.50	34.00	year
al Gas Liqui ent Dollars)		Edmonton	Butane	\$Cdn/bbi	13.64	13.45	13.79	17.15	18.73	12.44	18.70	35.60	31.17	26.25	30.25	27.00	25.75	25.75	27.25	21.50	20.50	20.50	20.50	21.00	21.50	22.00	22.50	23.00	23.50	Escalate at 1.5 % per year
Alberta Natural Gas Liquids (Then Current Dollars)		Edmonton	Propane	\$Cdn/bbl	14.10	12.53	13.90	22.31	18.62	11.15	15.89	32.18	31.85	21.00	27.25	24.00	22.75	24.75	24.75	19.75	19.50	19.50	19.50	19.75	20.25	20.50	20.75	21.00	21.50	Escalate
₹		Spec	Ethane	\$Cdn/bbl	n/a	19.50	18.00	18.00	19.25	18.75	16.75	15.75	16.25	16.25	16.25	16.25	16.25	16.50	17.00	17.00										
ude Oil	ner	Then	Current	\$Cdn/bbl	17.59	19.30	21.69	26.10	23.72	16.95	25.42	39.91	31.56	35.00	34.25	34.00	32.75	30.75	33.00	29.00	27.00	27.50	27.50	28.00	28.50	29.00	29.50	30.00	30.50	+1.5%/yr
Medium Crude Oi (29 API, 2.0%S)	at Cromer	Constant		ᆈ	20.77	22.38	25.11	29.57	26.45	18.60	27.65	42.68	32.87	35.53	34.25	34.00	32.75	30.75	33.00	28.50	26.25	26.25	26.00	26.00	26.00	26.25	26.25	26.25	26.25	
	isty	Then C		۵	13.26	15.02	17.28	20.06	14.41	9.45	19.67	27.34	16.94	26.25	22.75	25.25	24.00	21.75	23.50	20.25	19.50	20.25	20.25	20.75	21.25	21.75	22.25	22.75	23.25	1.5%/уг
Heavy Crude Oil Proxy (12 API)	at Hardisty			-	15.65	17.42			16.07	10.37	21.39	29.24	17.64	26.64	22.75	25.25	24.00	21.75	23.50	20.00	19.00		19.00	19.25		19.50	19.75	20.00	20.00	*
	` <b>&gt;</b>	Then C		اھ						14.64		35.25			29.25	31.00	29.75	27.75	29.50	25.50	24.50	25.00	25.00	25.50	26.00	26.50	27.00	27.50	28.00	1.5%/уг
Bow River Crude Oil Stream Quality	at Hardisty	Constant		اھ	19.75			28.47							29.25	31.00		27.75	29.50	25.00										24.25 +
Bow		_		_																•	•									
Light, Sweet Crude Oil (40 API, 0.3%S)	at Edmonton	Then	Current	\$Cdn/bb	21.94	22.22	24.23	29.39	27.85	20.36	27.69	44.56	39.40	39.75	40.25	39.00	37.75	36.75	38.50	32.50	30.50	30.50	30.50	31.00	31.50	32.00	32.50	33.00	33.50	+1.5%/yr
Light, Cru	at Ed	Constant	2003	\$Cdn/bb	25.90	25.77	28.05	33.30	31.05	22.34	30.12	47.66	41.03	40.35	40.25	39.00	37.75	36.75	38.50	32.00	29.50	29.25	28.75	28.75	28.75	28.75	28.75	28.75	28.75	28.75
Blend e Oil	rth Sea	Then	Current	\$US/bbl	17.03	15.82	17.04	20.43	19.18	12.83	17.81	28.35	24.37	24.25	25.25	24.50	23.50	23.00	24.00	20.50	19.50	19.50	19.75	20.25	20.50	20.75	21.00	21.50	21.75	+1.5%/уг
Brent Blend Crude Oil	FOB North Sea	Constant	2003 \$	\$US/bbl	20.11	18.35	19.72	23.14	21.39	14.08	19.37	30.32	25.38	24.61	25.25	24.50	23.50	23.00	24.00	20.25	19.00	18.75	18.50	18.75	18.75	18.75	18.75	18.75	18.75	18.75
exas ediate Oil at	klahoma	Then	Current	\$US/bbl	18.46	17.18	18.39	21.99	20.61	14.42	19.29	30.22	25.97	25.75	26.75	26.00	25.00	24.50	25.50	22.00	21.00	21.00	21.25	21.75	22.00	22.25	22.50	23.00	23.25	+1.5%/yr
West Texas Intermediate Crude Oil at	Cushing Oklahoma	Constant	2003 \$	\$US/bbl	21.79	19.92	21.29	24.91	22.98	15.83	20.98	32.32	27.04	26.14	26.75	26.00	25.00	24.50	25.50	21.75	20.50	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
		Exchange (	Rate	\$US/\$Cdn	0.775	0.730	0.729	0.733	0.722	0.672	0.675	0.674	0.645	0.638	0.650	0.650	0.650	0.650	0.650	0.660	0.670	0.670	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680
		-	ю	%	1.8	0.2	2.2	1.6	1.6	6.0	1.7	2.7	2.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
				Year	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 (e)	2003 Q1	2003 Q2	2003 Q3	2003 Q4	2003 Full Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014+

Gilbert Laustsen Jung Associates Ltd.

Table 2
Gilbert Laustsen Jung Associates Ltd.
Natural Gas and Sulphur Price Forecast Effective January 1, 2003

Alberta	Sulphur	at Plant	Gate	\$Cdn/LT	-9.68	16.57	30.07	14.44	11.50	-6.51	6.93	13.59	-14.66	2.00	10.50	10.50	10.50	10.50	10.50	9.50	8.50	16.00	22.50	24.00	25.50	27.00	29.00	30.50	32.00	6/yr
	Sulphur	FOB	Vancouver	\$US/LT	30.22	44.96	54.99	36.28	34.75	24.59	33.74	38.14	18.29	29.00	35.00	35.00	35.00	35.00	35.00	35.00	35.00	40.00	45.00	46.00	47.00	48.00	49.00	20.00	51.00	+1.5%/уг
olumbia		Spot	Plant Gate	\$/mmbtu	2.10	1.87	1.12	1.47	1.98	2.00	2.78	4.88	6.29	3.70	5.80	4.90	4.90	5.65	5.30	4.80	4.50	4.65	4.65	4.65	4.65	4.70	4.75	4.85	4.90	
British Columbia		CanWest	Plant Gate	\$/mmbtu	1.73	1.81	1.29	1.50	1.80	1.94	2.51	5.27	92'9	3.55	5.65	4.75	4.75	5.45	5.15	4.55	4.50	4.65	4.65	4.65	4.65	4.70	4.75	4.85	4.90	
			Sumas Spot	\$US/mmbtu	1.89	1.59	1.03	1.32	1.70	1.60	2.15	4.17	4.56	2.65	4.10	3.50	3.50	4.00	3.80	3.50	3.30	3.45	3.45	3.45	3.45	3.50	3.55	3.60	3.65	ear
ו Plant Gate			Spot	\$/mmbtu	2.07	1.87	0.98	1.28	1.74	2.13	2.97	5.16	6.20	4.05	5.85	5.45	5.45	5.75	5.65	5.00	4.70	4.85	4.85	4.85	4.85	4.90	4.95	5.05	5.10	Escalate at 1.5 % per year
Saskatchewan Plant Gate			SaskEnergy	\$/mmptn	1.48	1.88	1.35	1.52	1.84	2.05	2.83	4.79	5.71	3.95	5.70	5.30	5.30	5.60	5.50	4.90	4.65	4.80	4.80	4.80	4.80	4.85	4.90	5.00	5.05	Escalate
			Alliance	\$/mmptn	n/a	5.61	3.60	5.25	4.80	4.80	5.15	2.00	4.45	4.15	4.25	4.30	4.35	4.45	4.50	4.60	4.70	4.75								
ate			Aggregator	\$/mmbtu	n/a	4.60	5.30	3.55	5.40	5.00	5.00	5.30	5.20	4.65	4.50	4.65	4.65	4.65	4.65	4.70	4.75	4.85	4.90							
Alberta Plant Gate			ARP	\$/mmptn	1.71	1.81	1.31	1.63	1.96	1.94	2.48	4.50	5.41	3.70	5.55	5.15	5.15	5,45	5.35	4.75	4.50	4.65	4.65	4.65	4.65	4.70	4.75	4.85	4.90	
Albe	ot	Then	Current	\$/mmptn	2.16	1.86	1.02	1.26	1.69	1.88	2.75	4.92	6.07	3.75	5.60	5.20	5.20	5.50	5.40	4.80	4.50	4.65	4.65	4.65	4.65	4.70	4.75	4.85	4.90	+1.5%/yr
	Spot	Constant	2003 \$	\$/mmptn	2.55	2.16	1.18	1.43	1.88	5.06	2.99	5.26	6.32	3.81	5.60	5.20	5.20	5.50	5.40	4.75	4.35	4.45	4.35	4.30	4.25	4.20	4.20	4.25	4.20	4.20
	AECO-C Spot	Then	Current	\$Cdn/mmbtu	2.26	1.98	1.15	1.39	1.84	2.03	2.92	5.08	6.21	4.00	5.85	5.45	5.45	5.75	5.65	5.00	4.70	4.85	4.85	4.85	4.85	4.90	4.95	5.05	5.10	+1.5%/yr
Midwest	Price @ Chicago AECO-C Spot	Then	Current	\$US/mmptn	2.31	2.11	1.69	2.73	2.75	2.20	2.34	4.38	4.17	3.25	4.45	4.15	4.15	4.40	4.30	3.95	3.80	3.90	3.95	4.00	4.05	4.10	4.20	4.25	4.30	+1.5%/yr
US Gulf Coast Gas			Current	\$US/mmbtu	2.11	1.94	1.70	2.52	2.47	2.16	2.32	4.33	4.05	3.25	4.35	4.10	4.10	4.25	4.20	3.80	3.60	3.65	3.70	3.75	3.80	3.90	3.95	4.00	4.05	+1.5%/yr
US Gulf C	Price @ Henry Hub	Constant	2003 \$	\$US/mmbtu	2.49	2.25	1.97	2.85	2.75	2.37	2.52	4.63	4.22	3.30	4.35	4.10	4.10	4.25	4.20	3.75	3.50	3.50	3.50	3.50	3.50	3,50	3.50	3.50	3.50	3.50
				Year	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002 (e)	2003 Q1	2003 02	2003 03	2003 Q4	2003 Full Year	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014+

Unless otherwise stated, the gas price reference point is the receipt point on the applicable provincial gas transmission system known as the plant gate. The plant gate price represents the price before raw gas gathering and processing charges are deducted.
Spot refers to weighted average one month price.

Revised December 11, 2002

### **CONSTANT PRICE ANANLYSIS**

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.Gilbert Laustsen Jung Associates Ltd.

### **CONSTANT PRICE ANALYSIS**

### **DISCUSSION**

This section provides economic forecasts based on the following December 31, 2002, reference prices held constant:

- West Texas Intermediate crude oil at Cushing, Oklahoma \$31.20 U.S./BBL
- Alberta Spot gas at AECO-C \$6.02/MMBTU
- Light crude oil at Edmonton \$49.29 CDN/BBL

Prices were adjusted for quality and transportation for each property.

\_Gilbert Laustsen Jung Associates Ltd.

### **Summary of Reserves and Values**

Company: Millennium Energy Inc. Property:

Corporate

SEC (2002-12-31) Constant

Effective Date: January 01, 2003

Description: Total Corporate Incl. Adjustments

	Proved Producing	Total Proved	Proved Plus Probable Producing	Total Proved Plus Probable	Established Producing	Total Established
MARKETABLE RESERVES						
Oil - MSTB						
Company Interest	216	310	286	475	251	392
Net After Royalty	193	266	257	415	225	341
Gas - MMCF						
Company Interest	1255	1255	1520	1803	1387	1529
Net After Royalty	1001	1001	1217	1418	1109	1209
Natural Gas Liquids - MSTB						
Company Interest	55	55	66	79	61	67
Net After Royalty	41	41	49	58	45	49
Oil Equivalent - MBOE						
Company Interest	481	574	606	855	543	715
Net After Royalty	401	474	508	709	454	591
BEFORE TAX PRESENT VALUE -	\$M					
0.0%	10927	13780	13879	20420	12403	17100
8.0%	7688	9558	9088	13167	8388	11363
10.0%	7207	8925	8425	12117	7816	10521
12.0%	6795	8382	7868	11228	7332	9805
15.0%	6275	7699	7179	10123	6727	8911
18.0%	5844	7135	6619	9223	6231	8179
20.0%	5594	6810	6301	8711	5947	7760
FIRST 6 YEARS BEFORE TAX CAS	SH FLOW - \$	M				
2003	2124	2380	2177	1747	2150	2063
2004	1629	1963	1739	2692	1684	2327
2005	1261	1554	1421	2429	1341	1991
2006	915	1190	1078	1886	997	1538
2007	810	1057	964	1626	887	1342
2008	639	857	824	1395	731	1126

### Oil Equivalent Factors:

Oil,	1.0	bbl/boe
Sales Gas	6.0	mcf/boe
Condensate	1.0	bbl/boe
Butane	1.0	bbl/boe
Propane	1.0	bbl/boe
Ethane	1.0	bbl/boe

1035768 Project Run date Fri Feb 28 2003 12:36:00

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## Company Production, Reserves and Present Value Summary

Company: Millennium Energy Inc. Property: Corporate									Re: Pri	Reserve Class: Development Class: Pricing: Effective Date:	ss: nt Class: :te:	Various Classifications SEC (2002-12- January 01, 20	Various Classifications SEC (2002-12-31) Constant January 01, 2003	Constan	ų				
	2003 C	2003 Company Interest Prod'n	terest Prod	ا   ءِ	ర	empany In	Company Interest Reserves	srves		Z	et After R	Net After Royalty Reserves	erves	₩ 	Reserve	Be	Before Income Tax	ne Tax	6
Entiry Description	Gas	Oil Phild	NGL B	BOE N	Gas	Oil	NGL Sul	Sulphur B	BOE O	Gas	Oil A	NGL Sul	Sulphur B	BOE IN	Life Index	Discoun	Discounted Present Value MS 10% 12% 15°	it Value F	15%
Proved Producing	479	00	00	92	5	1 9	- 25	0	==	1 -	8	=	0	=	8.0		1 1	26	6275
Total Proved Nonproducing	0	31	0	31	0	94	0	0	94	0	73	0	0	73	8.3	2853	1717	1587	1424
Total Proved	479	159	81	257	1255	310	55	0	574	1001	366	4	0	474	6.1	13780	8925	8382	6692
Probable Producing	∞	3	0	2	596	70	=	0	125	216	63	∞	0	107	71.8	2952	1218	1073	903
Probable Nonproducing	12	20	0	22	283	95	13	0	155	201	98	6	0	128	1.61	3687	1975	1773	1520
Total Probable	20	23		27	548	165	24	0	281	417	149	17	0	236	28.5	6640	3192	2846	2424
Proved Plus Probable Producing	486	131	18	231	1520	286	99	0	909	1217	257	49	0	808	7.2	13879	8425	7868	7179
Proved Plus Probable Nonproducing	12	51	0	53	283	189	13	0	249	201	159	6	0	201	12.8	6540	3692	3360	2944
Total Proved Plus Probable	498	182	19	284	1803	475	62	0	855	1418	415	28	0	709	8.3	20420	12117	11228	10123
Established Producing	483	130	18	228	1387	251	19	0	543	1109	225	45	0	454	6.5	12403	7816	7332	6727
Total Established	489	171	18	270	1529	392	29	0	715	1209	341	49	0	591	7.2	17100	10521	9805	8911
	<b>B</b>	BOE Factors:	OIL		L.00000 R	RES GAS SLN GAS	6.00000	PROPANE BUTANE	NE 1.00	1.00000	ETHANE SULPHUR	0.00000							

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### **Economic Forecast**

Company: Property: Description: Millennium Energy Inc.

Corporate

Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved

Pricing: Effective Date: Producing SEC (2002-12-31) Constant January 01, 2003

### PRODUCTION FORECAST

				Oil I	Productio	n			Total G	as Produ	ction			Conden	sate Prodi	ıction	
	Gross	Wells			Compny	Net	n :			Compny	Net	ъ.		Compny		Net	<b>D</b> '
Year	Oil	Gas	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl	Daily Mcf	Daily Mcf	Yearly Mmcf	Yearly Mmcf	Price S/Mcf	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price \$/Bbl
2003	50	35	1010	128	46761	40619	44.29	12806	479	175	142	5.74	144	4	1575	1168	49.70
2004	50	34	801	95	34758	30698	44.15	11020	399	146		5.77	125	4	1351	997	49.63
2005 2006	47 45	34 33	647 531	72 55	26130 20173	23237 18099	44.03 44.13	9576 8270	339 273	124 100		5.79 5.80	109 95	3	1176 1010	863 738	49.57 49.51
2007	38	30	423	45	16445	14862	44.13	7230	233	85		5.81	84	2	882	642	49.45
2008	34	28	358	36	12990	11723	44.04	6261	199	73	58	5.82	74	2	767	555	49.40
2009	32	25	309	30	10798	9747	44.00	5507	171	63	50	5.83	65	2	672	485	49.37
2010	30	22	261	24	8904	8058	44.00	4901	149	54	43	5.85	58	2	595	428	49.34
2011	27	20	220 179	20	7159	6520	43.91	4305 3887	125 108	46 40		5.89 5.90	52 47	1	522 456	376 328	49.32
2012 2013	21 20	18 18	155	15 12	5373 4402	4971 4117	44.07 43.83	3492	97	35	-	5.91	42	1	411	295	49.27 49.25
2014	15	17	120	10	3721	3502	43.86	2976	85	31		5.88	36	i	360	256	49.19
Sub.	34	26	418	45		176153	44.12	6686	221	970		5.80	78	2	9778	7131	49.49
Rem.	4	5	21	1	18613		43.74	766	21	285		5.84	9	0	3489	2387	48.88
Tot.	11	10	116	12		193439	44.09	2186	69	1255		5.81	26	1	13267	9518	49.33
			Buta	ne Produ	etion			Prop	ane Produ	ıction			Etha	ine Produ	ction		
		Gross	Company	Compny	Net		Gross	Compus	Compny	Net		Gross	Compay	Compny	Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	
	2003	196		6 2286	1716	36.07	262		7 269	2 2057	33.44	0		0	1 1	19.71	
	2004	171		5 1960		36.07	226		6 230	7 1755	33.44	0		0	1 i	19.71	
	2005	150		5 170		36.07	197		5 200			0			1 1	19.71	
	2006	131		4 146		36.07	171		5 171			0			1 0	19.71	
	2007 2008	116 101		4 1282 3 1116		36.06 36.06	151 131		4 149 4 130			0			0 0	19.71 19.71	
	2008	90		3 97		36.06	116		3 113			0			0 0		
	2010	80		2 86		36.06	104		3 100			Ö			0 0		
	2011	72		2 76		36.06	92		2 88	3 658	33.43	0		0	0 0	19.71	
	2012	65		2 66		36.03	83		2 77			0			0 0		
	2013	59		2 60		36.03	75		2 69 2 60			0			0 0		
	2014	53		1 54		36.03	63					0		0			
	Sub.	107		3 14229		36.06	139								5 4	19.71	
	Rem.	15 <b>37</b>		0 554		36.04	16 <b>45</b>				33.54 33.46	0			0 0 5 4	0.00	
	Tot.	31		1 1977		36.05			1 2231							19.71	
				NGL Prod					+ NGL P		<u></u>				roduction		
		Gross		Compny		D=:	Gross Daily		Compny		Deina	Gross		Compny		D=:	
	Year	Daily Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Stb	Daily Stb	Yearly Stb	Yearly Stb	Price S/Bbl	Daily Stb	Daily Stb	Yeariy Stb	Yearly Stb	Price S/BOE	
	2003	602	1	8 654	9 4942	38.26	1613	14	6 5331	0 45560	43.55	3747	22	6 8243	7 69236	40.33	
	2004	522		5 561	8 4221	38.25	1322	11	1 4037	6 34919	43.33	3159				40.06	
	2005	456					1103		5 3101			2699			7 43585		
	2006	398					929					2307					
	2007 2008	351 306		0 366 9 318			775 664		5 2010 4 1617			1980 1708		4 3429 8 2829		39.66 39.47	
	2009	271		8 278		38.19	580					1498		6 2401			
	2010	243		7 247			504		1 1137			1321		6 2043			
	2011	216		6 216	5 1591	38.18	436	2	6 932	4 8111	42.58	1153	4	6 1690	9 14056	39.34	
	2012	196		5 189		38.15	374		0 726					8 1385			
	2013	176		5 170			331		7 611			913		3 1199			
	2014 Sub	152		4 150			272		4 522			768					
	Sub.	324		9 4062			742			2 206367		1856			3 336280		
	Rem.	40		1 1473;			61			6 27673					7 64532		
n·/s1035	Tot. 768/rems	108 econ/SF/		3 5536. 12-31 Cor			225 Total C			9 234041 tiustment		589 pri htm		6 48069	0 400812		Lof 3

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### REVENUE AND EXPENSE FORECAST

		Re	evenue Befo	ore Burde	ns		Royalty I		Gas Pro		Total	Net	Oper	ating Exper	nses
		-	Interest			Company	Pre-Proc		Allow		Royalty After	After			
Year	Oil M\$	Gas M\$	MS MS	Total MS	Interest M\$	Total M\$	Crown M\$	Other MS	Crown M\$	Other MS	Process. MS	Royalty MS	Fixed MS	Variable MS	Total M\$
2003 ,	2046	844	241	3131	194	3325	275	251	6	-4	524	2801	341	176	518
2004	1518	717	208	2443	147	2590	211	183	6	-3	392	2198	339	139	478
2005	1138	619	182	1938	115	2053	174	139	5	-2	310	1743	311	111	423
2006	879	502	157	1538	90	1628	142	103	4	-2	243	1386	292	87	379
2007	717	436	137	. 1290	70	1360	121	82	4	-1	201	1159	257	73	331
2008	564	381	120	1065	51	1117	105	68	3	-1	170	947	230	60	291
2009	468	335	106	909	38	946	92	58	3	0	147	799	181	52	232
2010	385	295	94	774	30	804	81	48	3	0	126	678	169	42	211
2011	309	257	82	647	18	665	70	38	2	0	106	560	151	34	185
2012	235	223	72	530	12	542	55	32	2	0	85	458	129	28	157
2013	191	200	65	456	11	467	50	25	2	0	73	394	118	24	142
2014	161	174	57	393	10	402	46	19	2	0	63	340	110	21	130
. Sub.	8610	4982	1521	15113	787	15900	1423	1045	41	-12	2438	13462	2629	847	3476
Rem.	804	1651	560	3015	25	3040	497	101	18	3	576	2464	881	166	1047
Tot.	9415	6634	2080	18129	811	18940	1919	1146	59	-9	3015	15925	3510	1013	4523
Disc	6207	3428	1037	10672	577	11249	1000	753	28	-10	1735	9514	1750	601	2350

	Oth	ner Expen	ses	Net											
	NC1	C 1	NIDI	Prod'n	Other I	ncome	414	0	N	et Capital	Investment	t	Before	Tax Cash	Flow
Year	Mineral Tax MS	Capital Tax MS	NPI Payment M\$	Revenue M\$	Other M\$	ARTC M\$	Aband. Costs MS	Oper. Income M\$	Dev. MS	Plant M\$	Tang. MS	Total MS	Annual MS	Cum. MS	12% Dcf M\$
2003	149	18	3 (	2116	3	5	0	2124	0	0	0	0	2124	2124	- 2007
2004	86	1		1623	2	4	0	1629	0	0	0	0	1629	3753	3381
2005	50		7 (	1263	2	3	0	1268	0	0	7	7	1261	5013	4331
2006	28	:	5 (	974	0	1	0	975	0	0	60	60	915	5929	4946
2007	16	4	1 (	809	0	1	0	810	0	0	0	0	810	6738	5433
2008	10	:	3 (	643	0	1	0	643	0	0	5	5	639	7377	5775
2009	7	:	2 (		0	1	0		0	0	0	0	558	7935	6042
2010	6	:	2 (		0	0	0	460	0	0	0	0	460	8395	6239
2011	5		i (		0	0	0	369	0	0	_	0	369	8764	6380
2012	4		(		0	0	. 0	297	0	0	0	0	297	9061	6481
2013	3		) (		0	0	0	249	0	0	0	0	249	9310	6556
2014	2	(	) (	207	0	0	0	207	0	0	0	0	207	9517	6613
Sub.	365	53	5 (	9566	6	16	0	9589	0	0	72	72	9517	9517	6613
Rem.	7	(	) (	1410	0	0	0	1410	0	0	0	0	1410	10927	6795
Tot.	371	5	5 (	10976	6	16	0	10998	0	0	72	72	10927	10927	6795
Disc	296	42	2 (	6826	5	12	0	6844	0	0	48	48	6795	6795	6795

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### RESERVE SUMMARY

		Rer	naining Res	serves at Ja	anuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2120	214	3	216	193	1.000	216	45	39.0	4.6	3.0
Solution Gas	Mmcf	3125	145	6	151	108	6.000	25	5	39.0	6.9	5.1
Residue Gas	Mmcf	36777	980	124	1103	892	6.000	184	38	50.0	7.2	5.0
Total Gas	Mmcf	39903	1125	130	1255	1001	6.000	209	44	50.0	7.2	5.0
	MMMBtu	41220	1160	0	1292	1030				50.0	7.2	5.0
Condensate	Mstb	472	13	0	13	10	1.000	13	3	50.0	8.4	5.8
Butane	Mstb	679	19	0	20	15	1.000	20	4	50.0	8.7	6.1
Propane	Mstb	828	22	0	22	17	1.000	22		50.0	8.3	5.7
Ethane	Mstb	0	0	0	0	0	1.000	0	(	9.0	4.7	2.8
Total NGL	Mstb	1979	54	1	55	41	1.000	55	12	50.0	8.5	5.9
Total Oil+NGL	Mstb	4098	268	4	272	234	1.000	272	56	50.0	5.1	3.5
Total Oil Eq.	Mstb	10749	456	25	481	401		481	100	50.0	5.8	4.0

### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	fter Royali	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc MS	% of Total
Oil	S/Stb	49.29	-5.00	44.29	5.82	8.86	2.96	26.66	8530	54	5577	59
Solution Gas	\$/Mcf	5.82	-0.36	5.46	1.43	0.20	0.06	3.76	642	4	341	. 4
Residue Gas	\$/Mcf	5.82	-0.04	5.78	1.06	0.50	0.15	4.07	5181	33	2795	29
Total Gas	\$/Mcf	5.82	-0.08	5.74	1.10	0.46	0.14	4.04	5823	37	3135	33
Condensate	\$/Stb	50.29	-0.59	49.70	12.51	4.39	0.42	32.37	480	3	247	7 3
Butane	S/Stb	38.04	-1.97	36.07	8.86	3.36	0.85	23.00	531	3	265	5 3
Propane	\$/Stb	35.54	-2.10	33.44	7.85	2.93	0.93	21.73	563	4	290	3
Ethane	\$/Stb	20.21	-0.50	19.71	4.81	1.03	0.11	13.77	0	0		0
Total NGL:	\$/Stb	39.96	-1.69	38.26	9.32	. 3.43	0.78	24.73	1573	10	802	2 8
Total Oil+NGL	\$/Stb	48.14	-4.59	43.55	6.25	8.19	2.69	26.42	10103	63	6379	67
Total Oil Eq.	\$/BOE	43.47	-3.14	40.33	6.38	6.28	2.03	25.64	15925	100	9514	100

### INTEREST AND NET PRESENT VALUE SUMMARY

					let !	Present Valu	ie Before In	come Tax	
Revenue Interests	and Burden	s (%)	Disc. Rate	Prod'r Reveni		Operating Income	Capital Invest.	, Cash F	low
	Initial	Average	% 	M\$		MS	MS	M\$	\$/BOE
Working Interest	6.0320	4.5080	0	0 10	976	10998	72	10927	22.73
Capital Interest	0.0000	24.6552	8	0 7	723	7742	55	7688	15.99
Royalty Interest	0.3740	0.2018	10	0 7:	240	7258	51	7207	14.99
Crown Royalty	8.7742	10.5863	12	0 6	826	6844	48	6795	14.14
Non-crown Royalty	8.0278	6.3211	15	0 6	302	6319	44	6275	13.05
Mineral Tax	4.7633	2.0492	18	0 5	868	5884	40	5844	12.16
NPI Payment	0.0000	0.0000	20	0 5	616	5632	38	5594	11.64

Project......1035768

Entity......Total Corporate Incl. Adjustments (Proved Producing)

Run date....Fri Feb 28 2003 12:35:49 Evaluator...Hladyshevsky, Myron J.

 $p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC01\_pri.htm$ 

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### **Economic Forecast**

Company: Property: Description: Millennium Energy Inc.

Corporate

Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Total

Pricing: Effective Date: SEC (2002-12-31) Constant January 01, 2003

### PRODUCTION FORECAST

							PRODU	JCTIO	N FOR	ECAS7	Γ						
				Oil P	roductio	n			Total G	as Produ	ction			Conden	sate Produ	ıction	
Year	Gross Oil	Wells Gas	Gross of Daily Stb	Compny ( Daily Stb	Compny Yearly Stb	Net Yeariy Stb	Price S/Bbl	Gross O Daily Mcf	Compny Daily Mcf	Compny Yearly Mmcf	Net Yearly Mmcf	Price S/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
2003	51	35	1062	159	58070	48296	44.63	12806	479	175	142	5.74	144	4	1575	1168	49.70
2003	51	34	850	125	45557		44.60	11020	399	146		5.77	125	4	1351	997	49.63
2005	48	34	689	97	35527	29901	44.56	9576	339	124	100	5.79	109	3	1176	863	49.57
2006	46	33	568	79	28785		44.70	8270	273	100		5.80	95	3	1010	738	49.51
2007	39	30	456	66	24035		44.74	7230	233	85		5.81	84	2	882	642	49.45
2008	35	28	386	54	19594		44.72	6261	199	73	58 50	5.82 5.83	74	2 2	767 472	555 485	49.40
2009 2010	33 31	25 22	334 283	45 38	16545 13904		44.71 44.73	5507 4901	171 149	63 54		5.85	65 58	2	672 595	428	49.37 49.34
2011	28	20	238	32	11511	10151	44.71	4305	125	46		5.89	52	1	522	376	49.32
2012	22	18	195	25	9160	8179	44.88	3887	108	40		5.90	47	1	456	328	49.27
2013	21	18	169	21	7697	6985	44.78	3492	97	35	28	5.91	42	1	411	295	49.25
2014	16	17	132	18	6588	6032	44.81	2976	85	31	24	5.88	36	1	360	256	49.19
Sub.	35	26	447	63	276971	236211	44.67	6686	221	970	779	5.80	78	2	9778	7131	49.49
Rem.	4	5	22	2	32790	29984	44.73	766	21	285	221	5.84	9	0	3489	2387	48.88
Tot.	11	10	124	17	309760	266195	44.68	2186	69	1255	1001	5.81	26	1	13267	9518	49.33
			Buta	ne Produc	tion			Propa	ne Produ	ction			Etha	ne Produ	ction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		Gross	Compny	Compny	/ Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	196	(	5 2280	1716	36.07	262	. 7	269	2 2057	33.44	0	)	0	1 1	19.71	
	2004	171		1960			226	•				0		0	1 1	19.71	
	2005	150		5 1706			197	5				0		0	1 1	19.71	
	2006	131		4 1467 4 1282		36.07 36.06	171 151	5				0		0 0	0 0		
	2007 2008	116 101	3				131	- 4				0		0	0 0		
	2009	90					116	3				O		0	0 0		
	2010	80	2	2 867	636	36.06	104	3	100	B 751	33.43	0	)	0	0 0	19.71	
	2011	72					92	2				0		0	0 0		
	2012	65					83	2				0		0 0	0 0		
	2013 2014	59 53					75 63	2						0	0 0		
	Sub.	107	3				139					0		0	5 4		
	Rem.	15		5548			16					O		0	0 0		
	Tot.	37		1977	14501		45		2231	4 16578		0	)	0	5 4		
			Total l	NGL Prod	uction			Total Oil	+ NGL P	roduction	1		Total Oi	l Equiv. P	roduction		
	Year	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb		Price \$/BOE	
	1 541	٠٠٠٠			J.U		310				3/1301	310	310				
	2003	602					1664	177		8 53237		3798			6 76913		
	2004	522					1372	140							4 62097		
	2005 2006	456 398					1146 966			1 33554 1 27557					4 50249 2 40981	40.74 40.83	
	2007	351					807										
	2008	306					692							6 3490			
	2009	271		8 2789	2053	38.19	605	53	1933								
	2010	243		7 2471			525							0 2543			
	2011	216		5 2165			454										
	2012 2013	196 176		5 1895 5 1708			391 345	30 26						8 1764 2 1529	15 14748 10 12856		
	2013	152		4 1508			284								0 11155		
	Sub.	324					771	73		266426					1 396339		
	Rem.	40		1 14733			63			3 40371					4 77230		
	Tot.	108		55363			233			3 306797					5 473568		

### REVENUE AND EXPENSE FORECAST

		Re	venue Befo	ore Burde	ns	***************************************	Royalty I		Gas Pro	_	Total	Net	Oper	ating Exper	nses
Year	Oil MS	Working Gas M\$	Interest NGL+Sul M\$	Total M\$	Royalty ( Interest MS	Company Total MS	Pre-Proc Crown MS	Other M\$	Allow Crown MS	Other MS	Royalty After Process. M\$	Revenue After Royalty MS	Fixed MS	Variable MS	Total MS
	1/13	IVIS		1013	1412	1413		1913	1713	1412	1412		1412		1713
2003	2566	844	241	3651	194	3845	404	289	6	-4	691	3154	356	202	558
2004	2015	717	208	2940	147	3087	328	219	6	-3	544	2542	355	163	518
2005	1570	619	182	2371	115	2486	268	170	5	-2	436	2050	327	132	460
2006	1276	502	157	1935	90	2025	220	130	4	-2	348	1677	308	107	415
2007	1066	436	137	1640	70	1710	181	106	4	-1	284	1425	274	90	365
2008	868	381	120	1370	51	1421	150	89	3	-1	236	1185	247	75	322
2009	733	335	106	1173	38	1211	126	76	3	0	199	1012	198	65	262
2010	616	295	94	1004	30	1034	107	63	3	0	168	867	186	54	239
2011	509	257	82	848		866	90	51	2	0	139	727	168	44	212
2012	409	223	72	704	12	717	70	43	2	0	111	605	146	36	182
2013	343	200		607	11	618	60	35	2	0	92	526	135	31	167
2014	293	174	57	525	10	534	52	28	2	0	78	456	127	27	153
Sub.	12264	4982	1521	18767	787	19554	2058	1298	41	-12	3327	16227	2827	1026	3852
Rem.	1457	1651	560	3668	25	3693	521	145	18	3	645	3048	1044	198	1242
Tot.	13721	6634	2080	22435	811	23246	2578	1443	59	-9	3971	19275	3871	1224	5094
Disc	8640	3428	1037	13106	577	13683	1455	923	28	-10	2359	11323	1882	720	2601

	Otl	her Exper	ses	Net	0.5 1				N		<b>.</b>		D . C	T	rei .
	Mineral	Capital	NPI	Prod'n Revenue	Other I	ncome	Aband.	Oper.	N	et Capitai	Investment		Belore	Tax Cash	-10W
Year	Tax MS	Tax M\$	Payment MS	M\$	Other MS	ARTC M\$	Costs MS	Income MS	Dev. M\$	Plant M\$	Tang. M\$	Total M\$	Annual M\$	Cum. M\$	12% Dcf M\$
2003	149	18	3 (	2429	3	38		2470	30		60	90	2380	2380	2248
2003	86				2	33	0		0	0	0	90	1963	4342	
2005	50		7 (		2	26	0		ő	0	7	7	1554	5896	
2006	28		5 (		ō		0		ő	0	60	60	1190	7087	5875
2007	16		1 (		0		0		ō	ō	0	0	1057	8143	6510
2008	10		3 (	849	0	12	0		0	0	5	5	857	9000	
2009	7		2 (	740	0	9	0	749	0	0	0	0	749	9749	7328
2010	6	:	2 (	620	0	7	0	627	0	0	0	0	627	10376	7596
2011	5		ι (	509	0	5	0	514	0	0	0	0	514	10890	7792
2012	4		l (	419	0	4	0	423	0	0	0	0	423	11313	7936
2013	3	(	) (	356	0	2	0	359	0	0	0	0	359	11672	8046
2014	2	(	) (	300	0	2	0	302	0	0	0	0	302	11974	8128
Sub.	365	5:	5 (	11955	6	175	0	12136	30	0	132	162	11974	11974	8128
Rem.	7	(	) (	1800	0	6	0	1806	0	0	0	0	1806	13780	8382
Tot.	371	5:	5 (	13754	6	181	0	13941	30	0	132	162	13780	13780	8382
Disc	296	4:	2 (	8384	5	126	0	8515	28	0	105	133	8382	8382	8382

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### RESERVE SUMMARY

		Rer	naining Res	erves at Ja	anuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2269	307	3	310	266	1.000	310	54	4 39.0	5.3	3.5
Solution Gas	Mmcf	3125	145	6	151	108	6.000	25	4	39.0	6.9	5.1
Residue Gas	Mmcf	36777	980	124	1103	892	6.000	184	33	50.0	7.2	5.0
Total Gas	Mmcf	39903	1125	130	1255	1001	6.000	209	36	5 50.0	7.2	5.0
	MMMBtu	41220	1160	0	1292	1030				50.0	7.2	5.0
Condensate	Mstb	472	13	0	13	10	1.000	13	:	2 50.0	8.4	5.8
Butane	Mstb	679	19	0	20	15	1.000	20	:	50.0	8.7	6.1
Propane	Mstb	828	22	0	22	17	1.000	22		4 50.0	8.3	5.7
Ethane	Mstb	0	0	0	0	0	1.000	0	(	9.0	4.7	2.8
Total NGL	Mstb	1979	54	1	55	41	1.000	55	10	50.0	8.5	5.9
Total Oil+NGL	Mstb	4248	362	4	365	307	1.000	365	64	4 50.0	5.7	3.8
Total Oil Eq.	Mstb	10898	549	25	574	474		574	100	50.0	6.1	4.2

### PRODUCT REVENUE AND EXPENSES

		***************************************		Average Fi	rst Year U	nit Values		***	Net Rev	enue A	fter Royali	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc MS	% of Total
Oil	\$/Stb	49.29	-4.66	44.63	7.56	7.82	2.40	26.85	11879	62	7386	65
Solution Gas	\$/Mcf	5.82	-0.36	5.46	. 1.43	0.20	0.06	3.77	642	3	341	. 3
Residue Gas	S/Mcf	5.82	-0.04	5.78	1.06	0.50	0.14	4.08	5181	27	2795	25
Total Gas	S/Mcf	5.82	-0.08	5.74	1.10	0.46	0.13	4.04	5823	30	3135	28
Condensate	\$/Stb	50.29	-0.59	49.70	12.51	4.39	0.39	32.40	480	2	247	2
Butane	\$/Stb	38.04	-1.97	36.07	8.86	3.36	0.83	23.02	531	3	265	2
Propane	S/Stb	35.54	-2.10	33.44	7.85	2.93	0.91	21.76	563	3	290	3
Ethane	S/Stb	20.21	-0.50	19.71	4.81	1.03	0.09	13.78	0	0	0	0
Total NGL	\$/Stb	39.96	-1.69	38.26	9.32	3.43	0.75	24.76	1573	8	802	7
Total Oil+NGL	S/Stb	48.34	-4.36	43.99	7.74	7.38	2.23	26.64	13453	70	8188	72
Total Oil Eq.	\$/BOE	44.17	-3.15	41.02	7.39	5.95	1.78	25.89	19275	100	11323	100

### INTEREST AND NET PRESENT VALUE SUMMARY

				Net Present Value Before Income hax							
Revenue Interests and Burdens (%)		i (%)	Disc.	Prod'n	Operating	Capital	Cash Flow				
	Initial	Average	Rate	Revenue MS	Income M\$	Invest. MS	M\$	\$/BOE			
Working Interest	6.9196	5.4849	0.0	13754	13941	162	13780	24.00			
Capital Interest	60.0000	36.7045	8.0	9554	9699	141	9558	16.64			
Royalty Interest	0.3679	0.1984	10.0	8924	9062	137	8925	15.54			
Crown Royalty	11.0759	11.4921	12.0	8384	8515	133	8382	14.60			
Non-crown Royalty	7.9098	6.4340	15.0	7704	7827	128	7699	13.41			
Mineral Tax	4.0841	1.6559	18.0	7143	7258	123	7135	12.43			
NPI Payment	0.0000	0.0000	20.0	6819	6930	120	6810	11.86			

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Total Proved)

Run date....Fri Feb 28 2003 12:35:53 Evaluator...Hladyshevsky, Myron J.

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### **Economic Forecast**

Company: Property: Description:

Millennium Energy Inc.

Corporate
Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Plus Probable

Pricing: Effective Date:

Producing SEC (2002-12-31) Constant January 01, 2003

### PRODUCTION FORECAST

			Oil Production					Total Gas Production					Condensate Production					
	Gross		Daily	-	Yearly	Net Yearly	Price	Daily	Daily	Compny Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price	
Year	Oil	Gas	Stb	Stb	Stb	Stb	\$/Bbl	Mcf	Mcf	Mmcf	Mmcf	S/Mcf	Stb	Stb	Stb	Stb	\$/Bbl	
2003	50	35	1033	131	47969	41647	44.31	12968	486	178		5.74	146	4	1595	1183	49.70	
2004	50	34	848 714	102	37171	32799	44.21 44.15	11367	415	152 132		5.77	128	4	1392	1029	49.65	
2005 2006	48 48	34 34	610	82 64	30096 23240	26821 20798	44.13	10069 8975	362 315	115		5.79 5.79	114 103	3	1238 1096	910 803	49.61 49.55	
2007	45	32	527	54	19566		44.20	7975	264	96		5.80	92	3	972	710	49.51	
2008	43	30	442	47	17045	1542 I	44.21	7107	230	84		5.79	83	2	857	624	49.44	
2009	36	29	385	41	14924	13553	44.23	6353	204	74		5.81	74	2	775	563	49.42	
2010 2011	34 32	26 24	338 298	36 30	13068 10825	11904 9713	44.23 44.17	5682 5103	180 158	66 58		5.81 5.82	67 60	2 2	693 617	500 445	49.36 49.35	
2012	29	22	258	25	9131	7942	44.19	4691	143	52		5.83	56	2		407	49.32	
2013	27	22	232	22	8122	7142	44.17	4228	126	46		5.85	50	1	505	364	49.32	
2014	24	19	201	19	6791	6059	44.04	3880	112	41		5.89	47	1	466	335	49.30	
Sub.	39	28	491	54		211406	44.21	7367	250	1093		5.79	85	2	10774	7872	49.51	
Rem.	7	7	46	3	48489		44.12	1125	31	427		5.87	14	0	5120	3566	49.05	
Tot.	15	12	152	16	286438	256646	44.20	2623	83	1520	1217	5.81	31	1	15894	11439	49.36	
			Butane Production				`	Prop	ane Produ	ction			Etha					
		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		Gross	Compny	Compny	y Net			
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	•	Price		
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bb1	Stb	Stb	Stb	Stb	S/Bbl		
	2003	199		6 2307	1738	36.07	265		7 272	7 2085	33.44	0		0	1 1	19.71		
	2004	175		6 2017		36.07	233		7 237			Ö			i i	19.71		
	2005	156		5 1793			207		6 211			0		0	1 1	19.71		
	2006	140		4 1590		36.07	185		5 186			0			1 0	19.71		
	2007 2008	126 113		4 1411 3 1244		36.07 36.06	165 148		5 165 4 145			0		0 0	1 1 0	19.71 19.71		
	2009	101		3 1124			133		4 131			0		0	0 0			
	2010	91	:	3 1004			120		3 117	7 878	33.43	0	)	0	0 0			
	2011	82		2 893					3 104			0		0	0 0			
	2012	76 69		2 819 2 729					3 96 2 85		_	0		0 0	0 0			
	2013 2014	64		2 673			84		2 63: 2 79:			0		0	0 0	19.71		
	Sub.	116		4 15604		36.07	153		4 1834			0		0	6 5			
	Rem.	21		1 7928	5695	36.03	24		1 848	4 6136	33.50	0	I	0	0 0	0.00		
	Tot.	44		1 23532	17286	36.06	55		1 2683	4 19989	33.45	0		0	6 5	19.71		
			Total NGL Production					Total Oil + NGL Production					Total Oil Equiv. Production					
		Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Compny Daily	Compny Yearly		Price		
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	S/BOE		
	2003	609	1	8 6630	5006	38.26	1642	. 15	0 5459	9 46653	43.58	3804	23	1 8418	3 70709	40.36		
	2004	537	10	6 5790	4356	38.25	1385	11	8 4296	0 37154	43.40	3279	18	7 6822	3 57682	40.14		
	2005	477	14				1192					2870						
	2006 2007	428 383										2534 2239						
	2007	363 344										1970						
	2009	309		9 3217														
	2010	278		8 2875								1563						
	2011	251		7 2559								1399						
	2012 2013	231 210		6 2345 6 2092										5 2017 9 1787				
	2014	194		5 1929											13 12822			
	Sub.	354								3 244727					53 391831	39.93		
	Rem.	59		2 21532		38.13	104		5 7002	1 60638				0 14120	2 116316			
	Tot.	130	•	4 66266	48719	38.19	282	1	9 35270	4 305366	43.07	719	3	3 60606	5 508148	39.65		
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#### REVENUE AND EXPENSE FORECAST

		Re	evenue Befo	ore Burde	ns		Royalty 1		Gas Pro	_	Total	Net	Oper	ating Exper	ıses
Year	Oil MS	_	g Interest NGL+Sul MS	Total MS	Royalty Interest MS	Company Total M\$	Pre-Proo	Other MS	Allow Crown M\$	Other M\$	Royalty After Process. MS	Revenue After Royalty M\$	Fixed MS	Variable MS	Total MS
									1710						
2003	2100	855	244	3198	200	3398	280	257	7	-5	535	2863	341	179	520
2004	1625	741	214	2580	159	2739	221	194	6	-3	413	2326	341	145	486
2005	1314	655	191	2160	131	2290	185	155	5	-3	338	1952	337	121	458
2006	1015	574	169	1759	109	1867	158	122	5	-2	278	1590	312	99	411
2007	854	483	151	1488	90	1577	135	99	4	-2	232	1345	270	83	353
2008	744	424	133	1301	76	1376	119	82	4	-2	199		258		331
2009	652	382	120	1155	60	1215	107	71	3	-1	176	1039	215	64	278
2010	570	345		1024	46		96	62	3	-1	155		205	56	260
2011	471	307		875	36	911	90	54	3	0			180		228
2012	397	280		766	32	798	92	48	2	0			165		204
2013	353	249		681	26		80	42	2	0			154		189
2014	297	229	73	599	14	613	70	33	2	0	101	512	143	31	174
Sub.	10392	5522	1669	17584	978	18561	1633	1220	45	-18	2825	15736	2920	973	3893
Rem.	2119	2456	817	5391	76	5468	700	225	24	6	895	4573	1692	284	1976
Tot.	12511	7978	2486	22975	1054	24029	2333	1445	70	-12	3720	20309	4613	1257	5870
Disc	7283	3781	1134	12198	687	12885	1118	860	31	-13	1959	10925	1964	677	2641

	Otl	ner Expen	ses	Net	0.1										<b>-</b> .
	Minami	Capital	NPI	Prod'n	Other I	ncome	About	0	N	et Capital	Investment		Before	Tax Cash	rlow
Year	Mineral Tax M\$	Tax MS	Payment MS	Revenue MS	Other MS	ARTC M\$	Aband. Costs MS	Oper. Income MS	Dev. MS	Plant MS	Tang. MS	Total M\$	Annual MS	Cum. MS	12% Def MS
2003	155	19	0	2169	3	5	0	2177	0	0	0	0	2177	2177	2057
2004	95	12	2 0	1732	2	4	0	1739	0	0	0	0	1739	3915	3523
2005	63	ç	) (	1423	2	3	0	1428	0	0	7	7	1421	5336	4594
2006	38	(	5 0	1134	1	2	0	1138	0	0	60	60	1078	6414	5319
2007	25	:	5 (	962	0	1	0	964	0	0	0	0	964	7377	5897
2008	15	4	. 0	827	0	1	0	828	0	0	5	5	824	8201	6339
2009	10	:	3 0	747	0	1	0	748	0	0	0	0	748	8949	6697
2010	7	1	3 (	644	0	1	0	645	0	0	0	0	645	9594	6972
2011	6	- 3	2 0	533	0	0	0	533	0	0	0	0	533	10127	7176
2012	5	- 2	2 (	449	0	0	0	449	0	0	0	0	449	10576	7329
2013	4	- 2	2 (	393	0	0	0	393	0	0	0	0	393	10969	7448
2014	4			333	0	0	0	333	0	0	0	0	333	11302	7539
Sub.	428	68	3 (	11346	8	19	0	11373	0	0	72	72	11302	11302	7539
Rem.	18			2577	0	0	0	2578	0	0	0	0	2578	13879	7868
Tot.	447	69		13923	8	19	0	13951	0	0	72	72	13879	13879	7868
Disc	340	49	) (	7895	7	14	0	7916	0	0	48	48	7868	7868	7868

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#### RESERVE SUMMARY

		Rei	naining Res	erves at Ja	nuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2782	283	3	286	257	1.000	286	4	7 50.0	6.0	4.2
Solution Gas	Mmcf	4131	184	8	192	138	6.000	32	:	5 50.0	8.6	6.6
Residue Gas	Mmcf	43734	1167	161	1328	1079	6.000	221	31	7 50.0	8.6	6.0
Total Gas	Mmcf	47865	1351	169	1520	1217	6.000	253	42	2 50.0	8.6	6.0
	MMMBtu	49549	1395	0	1566	1254				50.0	8.6	6.0
Condensate	Mstb	564	16	0	16	11	1.000	16	:	3 50.0	10.0	7.0
Butane	Mstb	801	23	0	24	17	1.000	24	4	4 50.0	10.2	7.3
Propane	Mstb	1000	26	0	27	20	1.000	27		4 50.0	9.8	6.9
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	6.1	3.8
Total NGL	Mstb	2364	65	1	66	49	1.000	66	1	50.0	10.0	7.1
Total Oil+NGL	Mstb	5147	348	5	353	305	1.000	353	5	8 50.0	6.5	4.7
Total Oil Eq.	Mstb	13124	573	33	606	508		606	100	50.0	7.2	5.2

#### PRODUCT REVENUE AND EXPENSES

				Average Fi	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc MS	% of Total
Oil	\$/Stb	49.29	-4.98	44.31	5.84	8.68	3.00	26.79	11345	56	6542	2 60
Solution Gas	S/Mcf	5.82	-0.36	5.46	1.43	0.20	0.06	3.76	816	4	384	4
Residue Gas	S/Mcf	5.82	-0.04	5.78	1.06	0.50	0.15	4.08	6260	31	3119	29
Total Gas	S/Mcf	5.82	-0.08	5.74	1.10	0.46	0.14	4.04	7076	35	3503	3 32
Condensate	S/Stb	50.29	-0.59	49.70	12.49	4.36	0.43	32.42	577	3	271	2
Butane	\$/Stb	38.04	-1.97	36.07	8.84	3.34	0.86	23.03	633	3	290	3
Propane	\$/Stb	35.54	-2.10	33.44	7.83	2.91	0.94	21.76	678	3	319	3
Ethane	\$/Stb	20.21	-0.50	19.71	4.81	1.03	0.11	13.77	0	0	(	0 0
Total NGL	S/Stb	39.96	-1.69	38.26	9.31	3.41	0.79	24.77	1888	9	881	8
Total Oil+NGL	S/Stb	48.16	-4.58	43.58	6.26	8.04	2.73	26.55	13232	65	7422	2 68
Total Oil Eq.	\$/BOE	43.50	-3.14	40.36	6.38	6.18	2.06	25.74	20309	100	10925	5 100

#### INTEREST AND NET PRESENT VALUE SUMMARY

					Net	Present Valu	ue Before In	come Tax	
Revenue Interests	and Burden	5 (%)	Disc.	Pro		Operating	Capital	Cash F	low
	Initial	Average	Rate	Reve M		Income MS	Invest. MS	M\$	S/BOE
Working Interest	6.0673	4.6595	C	.0	3923	13951	72	13879	22.90
Capital Interest	0.0000	24.6552	8	.0	9119	9142	55	9088	3 14.99
Royalty Interest	0.3791	0.2138	10	.0	8454	8476	51	8425	13.90
Crown Royalty	8.7525	10.1539	12	.0	7895	7916	48	7868	3 12.98
Non-crown Royalty	8.0513	6.2892	15	.0	7203	7223	44	7179	11.84
Mineral Tax	4.8355	1.9442	18	.0	6640	6659	40	6619	10.92
NPI Payment	0.0000	0.0000	20	.0	6320	6338	38	6301	10.40

Project......1035768

Entity......Total Corporate Incl. Adjustments (Proved Plus Probable Producing)

Run date....Fri Feb 28 2003 12:35:55 Evaluator...Hladyshevsky, Myron J.

 $p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC07\_pri.htm$ 

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# **Economic Forecast**

Company: Millennium Energy Inc.
Property: Corporate
Description: Total Corporate Incl. Adjustments

Reserve Class: Development Class: Proved Plus Probable

Total Pricing:

SEC (2002-12-31) Constant January 01, 2003

Effective Date:

#### PRODUCTION FORECAST

				Oil	Productio	n			Total G	as Produ	ction			Conden	sate Prod	uction	
Year	Gross '	Wells Gas	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross ( Daily Mcf	Compny ( Daily Mcf	Compny Yearly Mmcf	Net Yearly Mmcf	Price S/Mcf	Gross Daily Stb	Compny Daily Stb		Net Yearly Stb	Price S/Bbl
						······································											
2003 2004	52 53	36 38	1110 947	182 165	66467 60066		44.77 44.84	13162 12766	498 551	182 201		5.75 5.91	147 143	4 5	1637 1915	1203 1357	49.76 50.23
2005	52	40	847	137	50151	42883	44.83	12492	548	200		5.96	141	5	1967	1378	50.29
2006	52	40	731	112	40928		44.92	10483	430	157		5.93	119	4	1548	1095	50.12
2007	49	38	637	96	34870	30176	44.93	9002	341	125		5.92	103	3	1277	908	49.99
2008	46	38	522	83	30274		44.93	8707	296	108		5.91	100	3	1116	799	49.94
2009 2010	39 37	37 33	455 400	72 63	26421 23081	23287 20549	44.94 44.94	8022 6798	258 220	94 80		5.92 5.90	92 79	3 2	987 848	710 606	49.89 49.77
2011	35	31	353	54	19563		44.93	5924	189	69		5.91	69	2	739	528	49.72
2012	32	29	306	46	16771	14748	44.95	5229	158	58		5.88	62	2	625	455	49.54
2013	30	26	275	41	14814		44.93	4604	137	50		5.89	54	2	548	400	49.52
2014	27	23	239	35	12664		44.88	4183	121	44		5.92	50	1	502	365	49.47
Sub.	42	34	568	90		341410	44.88	8448	312	1368		5.90	97	3	13707	9804	49.96
Rem.	9	7	58	6		73932	44.77	1143	31	435		5.88	14	0	5207	3640	49.09
Tot.	17	13	180	26	4/5151	415342	44.86	2896	99	1803	1418	5.89	34	1	18914	13444	49.72
			Buta	ne Produ	ction			Propa	ne Produ	ction			Etha	ane Produ	ction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	
	2003	201		6 237	1 1770	36.07	268	8	2801	2122	33,44	0		0	1 1	19.71	
	2004	198		8 281		36.06	259	9				0			1 1	19.71	
	2005	199		8 291		36.06	256					0		0	1 i	19.71	
	2006	167		6 228			217	7				0			1 0		
	2007 2008	144 140		5 187 4 164		36.06 36.06	188 180	5				0			1 1 0	19.71 19.71	
	2009	129		4 144		36.06	167	5				ő			0 0		
	2010	110		3 124			142	4				0		0	0 0		
	2011	96		3 108		36.06	125	3				0			0 0		
	2012 2013	85 75		2 91 2 79		36.06 36.06	111 99	3				0			0 0		
	2013	69		2 72			90					0			0 0		
	Sub.	134		5 2010		36.06	175	5				0			6 5	19.71	
	Rem.	21		1 806		36.03	24	1				0			0 0		
	Tot.	49		2 2816		36.05	60	2	32158	3 23618	33.47	0	ı	0	6 5		
			Total	NGL Proc	luction		-	Fotal Oil	+ NGL Pr	oduction	7		Total Oi	l Equiv. P	roduction		
		Gross	Compan	Compny	Net		Gross	Company	Compny	Net		Gross	Compa	Compny	Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly		Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/BOE	
	2003	617	1	9 681	0 5095	38.28	1727	201	73277	60299	44.16	3920	28	4 10360	2 84740	41.34	
	2004	600	2				1546					3674					
	2005	596	2				1443	160				3525				40.97	
	2006 2007	503 435		8 649 5 535			1233 1073	130 110				2981 2573			6 60213 5 50423		
	2008	420		3 467		38.30						2393					
	2009	388		1 412								2181	12				
	2010	331		0 353		38.27		73				1864					
	2011 2012	291 258		8 308 7 259			643 564					1631 1436		3412 9 2898			
	2012	228		6 227			503					1270			4 24386 8 21519		
	2014	210		6 208			448					1145			9 18826		
	Sub.	406			6 41794		975			383204		2383			6 562620		
	Rem.	60		2 2191	1 15719	38.14	117	7	100991	89651	43.33	308	1		9 146486		
	Tot.	143		4 7924	7 57513	38.26	323	30	554398	472855	43.92	806	4	7 85487	5 709106	40.91	
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# REVENUE AND EXPENSE FORECAST

		R	evenue Befo	ore Burde	ns		Royalty 1		Gas Pro	_	Total	Net	Oper	ating Expe	nses
Year	Oil M\$		Interest NGL+Sul MS	Total M\$	Royalty Interest MS	Company Total MS	Pre-Proc Crown M\$	Other MS	Allow Crown M\$	Other MS	Royalty After Process. MS	Revenue After Royalty MS	Fixed M\$	Variable MS	Total M\$
2003	2950	883		4083	200	4283	469	313	7	-4			366		584
2004	2675	1056		4032	159	4191	466	307	9	-1	765		388		593
2005	2234	1082	311	3627	131	3758	427	278	9	i	695	3063	396	183	578
2006	1826	840	244	2910	109	3019	332	209	7	0	534	2484	371	147	518
2007	1556	662	201	2419	90	2509	262	165	5	0	422	2086	327	122	449
2008	1351	576	176	2103	76	2179	216	138	4	0	349	1830	314	106	420
2009	1179	508	156	1842	60	1903	180	118	4	0	294	1609	269	92	361
2010	1030	436	135	1600	46	1646	149	100	3	0	245	1401	257	79	337
2011	872	379	117	1368	36	1404	130	85	3	0	212	1192	233	68	301
2012	747	314	99	1161	32	1193	117	68	2	0	182	1010	211	56	266
2013	660	275	86	1021	26	1047	97	59	2	0	154	893	199	49	248
2014	566	250	79	895	14	909	81	48	2	1	127	782	188	43	230
Sub.	17646	7260	2156	27062	978	28039	2924	1889	57	-3	4759	23280	3519	1366	4885
Rem.	3520	2507	832	6859	76	6936	732	290	25	6	992	5944	2067	343	2410
Tot.	21166	9767	2988	33921	1054	34975	3656	2179	82	3	5750	29224	5586	1709	7295
Disc	12088	4926	1455	18468	687	19155	2025	1307	39	-3	3295	15860	2346	937	3284

	Otl	ner Expen	ses	Net											
				Prod'n	Other I	ncome			No.	et Capital	Investment		Before	Tax Cash I	Flow
Year	Mineral Tax MS	Capital Tax M\$	NPI Payment MS	MS MS	Other MS	ARTC M\$	Aband. Costs M\$	Oper. Income MS	Dev. M\$	Plant MS	Tang. MS	Total M\$	Annual MS	Cum. M\$	12% Def M\$
2003	155	19	. 0	2746	3	49	0	2798	836	0	215	1051	1747	1747	1651
2004	103	12	. 0	2718	2	43	0	2763	51	1	20	72	2692	4439	3922
2005	74	9	0	2403	2	36	0	2441	5	0	7	12	2429	6867	5751
2006	45	6	0	1915	1	30	0	1946	0	0	60	60	1886	8754	7020
2007	29	5	0	1603	0	23	0	1626	0	0	0	0	1626	10380	7996
2008	20	4	. 0	1386	0	17	0	1403	3	0	5	8	1395	11775	8744
2009	14	3	C	1230	0	13	0	1243	0	0	0	0	1243	13018	9339
2010	10	3		1052	0	10	0	1062	0	0	0	0	1062	14079	9793
2011	8	2	. 0	881	0	7	0	888	0	0	0	0	888	14968	10132
2012	6	2	0	735	0	5	0	741	0	0	0	0	741	15703	10384
2013	5	2		639	0	4	0	643	0	0	0	0	643	16351	10580
2014	4	ì	0	547	0	3	0	549	0	0	0	0	549	16900	10729
Sub.	473	68	0	17855	8	240	0	18103	895	1	306	1203	16900	16900	10729
Rem.	20	1	C	3513	0	8	0	3521	1	0	1	2	3519	20420	11228
Tot.	492	69	• 0	21368	8	248	0	21624	896	2	307	1205	20420	20420	11228
Disc	369	49		12158	7	171	0	12336	839	1	268	1108	11228	11228	11228

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#### RESERVE SUMMARY

		Rei	naining Res	serves at Ja	nuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	3287	472	3	475	415	1.000	475	50	5 50.0	7.1	4.6
Solution Gas	Mmcf	4450	185	8	193	138	6.000	32	4	50.0	8.6	6.6
Residue Gas	Mmcf	48410	1449	161	1610	1279	6.000	268	3	50.0	10.1	5.2
Total Gas	Mmcf	52860	1634	169	1803	1418	6.000	300	3.	50.0	9.9	5.3
	MMMBtu	54953	1703	0	1874	1472				50.0	9.9	5.3
Condensate	Mstb	618	19	0	19	13	1.000	19	2	50.0	11.6	6.0
Butane	Mstb	887	28	0	28	20	1.000	28	:	50.0	11.9	6.1
Propane	Mstb	1103	32	0	32	24	1.000	32	4	50.0	11.5	5.9
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	6.1	3.8
Total NGL	Mstb	2608	78	1	79	58	1.000	79	9	50.0	11.6	6.0
Total Oil+NGL	Mstb	5895	550	5	554	473	1.000	554	6:	50.0	7.6	4.7
Total Oil Ea.	Mstb	14705	822	33	855	709		855	100	50.0	8.3	4.9

# PRODUCT REVENUE AND EXPENSES

				Average Fi	rst Year U	nit Values			Net Rev	enue A	fter Royal	ies
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc M\$	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	49.29	-4.52	44.77	7.63	7.18	2.18	27.77	18619	64	10448	66
Solution Gas	\$/Mcf	5.82	-0.36	5.46	1.43	0.20	0.06	3.77	821	3	386	2
Residue Gas	\$/Mcf	5.82	-0.02	5.80	1.11	0.50	0.14	4.05	7550	26	3927	25
Total Gas	S/Mcf	5.82	-0.07	5.75	1.15	0.46	0.13	4.01	8370	29	4313	27
Condensate	S/Stb	50.29	-0.53	49.76	12.84	4.36	0.37	32.18	684	. 2	339	2
Butane	S/Stb	38.04	-1.97	36.07	9.09	3.33	0.80	22.85	749	3	363	2
Propane	\$/Stb	35.54	-2.10	33.44	8.07	2.91	0.88	21.59	802	. 3	397	3
Ethane	\$/Stb	20.21	-0.50	19.71	4.81	1.03	0.09	13.79	0	0	0	0
Total NGL	\$/Stb	39.95	-1.68	38.28	9.57	3.41	0.73	24.57	2235	8	1099	7
Total Oil+NGL	S/Stb	48.42	-4.26	44.16	7.81	6.83	2.05	27.47	20854	71	11547	73
Total Oil Eq.	S/BOE	44.47	-3.13	41.34	7.55	5.64	1.67	26.48	29224	100	15860	100

# INTEREST AND NET PRESENT VALUE SUMMARY

				Net	Present Val	ue Before In	come lax	
Revenue Interests	and Burden	s (%)	Disc.	Prod'n	Operating	Capital	Cash F	low
	Initial	Average	Rate %	Revenue M\$	Income MS	Invest. MS	MS	S/BOE
Working Interest	7.4848	6.0965	0.0	21368	21624	1205	20420	23.89
Capital Interest	82.4311	30.7292	8.0	14106	14304	1137	13167	7 15.40
Royalty Interest	0.3663	0.1895	10.0	13052	13239	1122	12117	7 14.17
Crown Royalty	11.4841	10.7791	12.0	12158	12336	1108	11228	3 13.13
Non-crown Royalty	7.6627	6.4238	15.0	11044	11210	1087	10123	3 11.84
Mineral Tax	3.7874	1.4510	18.0	10136	10291	1068	9223	3 10.79
NPI Payment	0.0000	0.0000	20.0	9618	9767	1056	8711	1 10.19

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Total Proved Plus Probable)

Run date....Fri Feb 28 2003 12:36:00 Evaluator...Hladyshevsky, Myron J.

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# **Economic Forecast**

Company:

Millennium Energy Inc.

Property: Corporate
Description: Total Corporate Incl. Adjustments

Reserve Class: Development Class: Established

Pricing: Effective Date:

Producing SEC (2002-12-31) Constant

January 01, 2003

#### PRODUCTION FORECAST

				Oil F	Productio	n			Total G	as Produ	ction	<del></del>		Conden	sate Prod	uction	
Year	Gross Y	Wells Gas	Gross Daily Stb	Compny ( Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price S/Bbl	Gross Daily Mcf	Compny Daily Mcf	Compny Yearly Mmcf	Net Yearly Mmcf	Price \$/Mcf	Gross Daily Stb	Compny Daily Stb	Compny Yearly Stb	Net Yearly Stb	Price \$/Bbl
2003 2004	50 50	35 34	1022 824	130 99	47365 35964	41133 31748	44.30 44.18	12887 11193	483 407	176 149	143 121	5.74 5.77	145 127	4	1585 1372	1175 1013	49.70 49.64
2005	48	34	680	77	28113	25029	44.09	9822	350	128	104	5.79	112	3	1207	887	49.59
2006	47	34	571	59	21706	19448	44.16	8622	294	107	87	5.80	99	3	1053	771	49.53
2007 2008	42 39	31 29	475 400	49 41	18006 15018	16234 13572	44.17 44.14	7602 6684	248 215	91 78	73 63	5.80 5.80	88 78	3 2	927 812	676 590	49.48 49.42
2009	34	27	347	35	12861	11650	44.13	5930	188	68		5.82	70	2		524	49.40
2010	32	24	300	30	10986	9981	44.14	5291	165	60		5.83	63	2		464	49.35
2011	30	22	259	25	8992	8116	44.07	4704	141	52		5.86	56	2		410	49.34
2012	25	20	218	20	7252	6457 5630	44.15	4289	126	46		5.86	51	i 1	511	367	49.30
2013 2014	24 20	20 18	194 160	17 14	6262 5256	4780	44.05 43.98	3860 3428	111 98	41 36	32 28	5.87 5.89	46 41	]	458 413	329 296	49.29 49.25
Sub.	36	27	454	50		193779	44.17	7026	235	1031	831	5.80	81	2		7502	49.50
Rem.	6	6	33	2		31264	44.01	945	26	356		5.86	12	0		2977	48.98
Tot.	13	11	134	14		225043	44.15	2405	76	1387		5.81	28	1			49.35
			Buta	ne Produc	ction			Prop	ane Produ	etion			Etha	ane Produ	ection		
		Cross	Communi	Compny	Not		Grace	Company	Commu	Nat		Green	Compa	Compn	. Not		
		Gross Daily	Daily	Yearly	Net Yearly	Price	Gross Daily	Daily	Compny Yearly	Net Yearly	Price	Gross Daily	Daily	Yearly	-	Price	
	Year	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	198		5 2294	1727	36.07	263		7 270	9 2071	33.44	(	)	0	1 1	19.71	
	2004	173		1989		36.07	230		5 234			Ċ		0	1 1	19.71	
	2005	153		5 1749			202		5 205			(		0	1 1	19.71	
	2006	136		1528		36.07	178		5 179			(		0	1 0		
	2007 2008	121 107		4 1346 3 1180			158 140		4 157 4 138			(		0	1 1		
	2009	95		3 1051		36.07	125		3 122			(		0	0 0		
	2010	86		936			112		3 109			(	)	0	0 0		
	2011	77		2 820			100		3 96			(		0	0 0		
	2012 2013	71 64		2 743 2 665		36.05 36.05	92 83		2 86 2 77			(		0	0 0		
	2013	59		2 609			73		2 69			(		0	0 0		
	Sub.	111		3 1491		36.06	146		4 1748			(	)	0	6 5		
	Rem.	18	4	6738	8 4820	36.04	20		709	0 5095	33.52	(	)	0	0 0	0.00	
	Tot.	41		2165	5 15894	36.06	50		2457	4 18283	33.46	(	)	0	6 5	19.71	
			Total l	NGL Prod	uction			Fotal Oil	+ NGL P	roduction	I		Total Oi	l Equiv. P	roduction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		Gross	Compny	Compn	y Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	•	Price	
	Year	Stb	Stb	Stb	Stb	S/BbI	Stb	Stb	Stb	Stb	\$/Bbi	Stb	Stb	Stb	Stb	\$/BOE	
	2003	606	1	8 6589	9 4974	38.26	1628	14	8 5395	4 46107	43.56	3775	5 22	8 833	10 69972	40.35	
	2004	529					1353	11	4 4166			3219					
	2005	467					1147	9				2784					
	2006 2007	413 367					983 842	7 6				2420 2109					
	2007	325		9 337			725	5				1839		36 314:			
	2009	290		3003			637	4.				1625		5 272			
	2010	260		7 2673	3 1966	38.19	560		7 1365	9 11946	42.97	1442	2 6	5 236	70 19936	39.58	
	2011	233		5 2362			492	3				1276		5 1994			
	2012 2013	213 193		5 2120 5 1900			432 387	2				1147		170: 11 149:			
	2013	173		5 1719			334					905			43 10723		
	Sub.	339					793			3 225547		1964			53 364056		
	Rem.	49		1 1813:			83		4 5168			240			15 90424		
	Tot.	119		3 60814			253			6 269703		654			78 454480		
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#### REVENUE AND EXPENSE FORECAST

		R	evenue Befo	ore Burde	ns		Royalty I		Gas Pro	U	Total	Net	Oper	ating Expe	nses
	0.1	-	Interest	T		Company	Pre-Proc		Allow		Royalty After	After	r:a	Maniak I.	Tatal
Year	Oil MS	Gas MS	MS	Total MS	Interest MS	Total MS	Crown M\$	Other M\$	Crown MS	Other MS	Process. M\$	Royalty MS	Fixed MS	Variable M\$	Total M\$
2003	2073	849	242	3164	197	3361	277	254	7	-4	530	2832	341	178	519
2004	1572	729	211	2511	153	2664	216	189	6	-3	402	2262	340	142	482
2005	1226	637	186	2049	123	2172	180	147	5	-3	324	1848	324	116	440
2006	947	538	163	1649	99	1748	150	112	4	-2	260	1488	302	93	395
2007	785	459	144	1389	80	1469	128	90	4	-2	216	1252	263	78	342
2008	654	402	127	1183	63	1247	112	75	3	-1	185	1062	244	66	311
2009	560	358	113	1032	49	1081	99	65	3	-)	161	919	198	58	255
2010	478	320	101	899	38	937	88	55	3	0	141	796	187	49	236
2011	390	282	90	761	27	788	80	46	2	0	124	665	165	41	207
2012	316	252	80	648	22	670	74	40	2	0	111	559	147	34	180
2013	272	225	72	569	19	587	65	33	2	0	96	491	136	29	166
2014	229	201	65	496	12	508	58	26	2.	0	82	426	126	26	152
Sub.	9501	5252	1595	16349	882	17231	1528	1132	43	-15	2632	14599	2774	910	3685
Rem.	1461	2054	688	4203	51	4254	598	163	21	4	736	3518	1287	225	1512
Tot.	10963	7306	2283	20552	933	21485	2126	1295	65	-11	3367	18117	4061	1135	5196
Disc	6745	3604	1086	11435	632	12067	1059	807	30	-11	1847	10220	1857	639	2496

	Oth	ner Expen	ses	Net											
		.,,		Prod'n	Other I	ncome			N	et Capital:	Investment	:	Before	Tax Cash I	low
Year	Mineral Tax M\$	Capital Tax MS	NPI Payment MS	Revenue M\$	Other M\$	ARTC MS	Aband. Costs M\$	Oper, Income M\$	Dev. MS	Plant M\$	Tang. MS	Total MS	Annual MS	Cum. M\$	12% Def MS
2003	152	19	0	2142	3	5	0	2150	0	0	0	0	2150	2150	2032
2004	90	12	. 0	1678	2	4	0	1684	0	0	0	0	1684	3834	3452
2005	56	8	. 0	1343	2	3	0	1348	0	0	7	7	1341	5175	4462
2006	33	6	0	1054	1	2	0	1057	0	0	60	60	997	6171	5132
2007	21	4	. 0	886	0	1	0	887	0	0	0	0	887	7058	5665
2008	13	4	. 0	735	0	1	0	736	0	0	5	5	731	7789	6057
2009	9	3	. 0	652	0	1	0	653	0	0	0	0	653	8442	6370
2010	7	2	C	552	0	0	0	552	0	. 0	0	0	552	8994	6606
2011	5	2	. 0	451	0	0	0	451	0	0	0	0	451	9445	6778
2012	4	1	C	373	0	0	0	373	0	0	0	0	373	9818	6905
2013	4	1	C		0	0	0		0	0	0	0	321	10139	7002
2014	3	0	0	270	0	0	0	270	0	0	0	0	270	10409	7076
Sub.	396	62	. 0	10456	7	17	0	10481	0	0	72	72	10409	10409	7076
Rem.	13	C		1993	0	0	0	1994	0	0	0	0	1994	12403	7332
Tot.	409	62	0	12449	7	18	0	12474	0	0	72	72	12403	12403	7332
Disc	318	46	C	7360	6	13	0	7380	0	0	48	48	7332	7332	7332

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#### RESERVE SUMMARY

		Rei	naining Re	serves at Ja	anuary 1, 200	3	Oi	l Equivalent	s	Reserve	Life Indi	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2451	248	3	251	225	1.000	251	40	5 50.0	5.3	3.7
Solution Gas	Mmcf	3628	165	7	172	123	6.000	29	:	5 50.0	7.7	5.9
Residue Gas	Mmcf	40256	1073	142	1216	986	6.000	203	31	7 50.0	7.9	5.5
Total Gas	Mmcf	43884	1238	149	1387	1109	6.000	231	43	50.0	7.9	5.5
	MMMBtu	45384	1278	0	1429	1142				50.0	7.9	5.5
Condensate	Mstb	518	14	0	15	10	1.000	15	:	50.0	9.2	6.5
Butane	Mstb	740	21	0	22	16	1.000	22		50.0	9.4	6.7
Propane	Mstb	914	24	0	25	18	1.000	25	:	5 50.0	9.1	6.3
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	5.4	3.3
Total NGL	Mstb	2172	60	1	61	45	1.000	61	1	50.0	9.2	6.5
Total Oil+NGL	Mstb	4622	308	4	312	270	1.000	312	5	7 50.0	5.8	4.1
Total Oil Eq.	Mstb	11936	514	29	543	454		543	100	50.0	6.5	4.6

#### PRODUCT REVENUE AND EXPENSES

				Average F	irst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc MS	% of Total
Oil	S/Stb	49.29	-4.99	44.30	5.83	8.77	2.98	26.73	9937	55	6060	59
Solution Gas	S/Mcf	5.82	-0.36	5.46	1.43	0.20	0.06	3.76	729	4	362	2 4
Residue Gas	S/Mcf	5.82	-0.04	5.78	1.06	0.50	0.15	4.08	5720	32	2957	29
Total Gas	S/Mcf	5.82	-0.08	5.74	1.10	0.46	0.14	4.04	6449	36	3319	32
Condensate	\$/Stb	50.29	-0.59	49.70	12.50	4.37	0.43	32.39	528	3	259	3
Butane	\$/Stb	38.04	-1.97	36.07	8.85	3.35	0.86	23.01	582	. 3	277	7 3
Propane	S/Stb	35.54	-2.10	33.44	7.84	2.92	0.93	21.75	620	3	305	5 3
Ethane	\$/Stb	20.21	-0.50	19.71	4.81	1.03	0.11	13.77	0	0	(	) 0
Total NGL	\$/Stb	39.96	-1.69	38.26	9.31	3.42	0.78	24.75	1731	10	841	8
Total Oil+NGL	\$/Stb	48.15	-4.59	43.56	6.25	8.12	2.71	26.49	11668	64	6901	68
Total Oil Eq.	\$/BOE	43.49	-3.14	40.35	6.38	6.23	2.05	25.69	18117	100	10220	100

#### INTEREST AND NET PRESENT VALUE SUMMARY

				Net 1	Present Valu	e Before In	ome Tax	
Revenue Interests	and Burden	s (%)	Disc. Rate	Prod'n Revenue	Operating Income	Capital Invest.	Cash F	low
	Initial	Average	% 	M\$	M\$ .	MS	MS	\$/BOE
Working Interest	6.0498	4.5914	0.0	12449	12474	72	12403	3 22.83
Capital Interest	0.0000	24.6552	8.0	8421	8442	55	8388	8 15.44
Royalty Interest	0.3766	0.2084	10.0	7847	7867	51	7816	5 14.38
Crown Royalty	8.7633	10.3446	12.0	7360	7380	48	7332	2 13.49
Non-crown Royalty	8.0397	6.3033	15.0	6752	6771	44	6727	7 12.38
Mineral Tax	4.7998	1.9905	18.0	6254	6272	40	6231	1 11.47
NPI Payment	0.0000	0.0000	20.0	5968	5985	38	5947	7 10.95
nri rayment	0.0000	0.0000	20.0	3908	3983	38	3947	7 10.5

Project......1035768

Entity......Total Corporate Incl. Adjustments (Established Producing)

Evaluator...Hladyshevsky, Myron J.

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# **Economic Forecast**

Company: Property: Description: Millennium Energy Inc.

Corporate

Total Corporate Incl. Adjustments

Reserve Class: Development Class: Established Total

Pricing: Effective Date: SEC (2002-12-31) Constant January 01, 2003

# PRODUCTION FORECAST

							PRODU	CHO	NFUR	ECASI							
				Oil P	roductio	n			Total G	as Produ	ction			Condens	ate Prodi	etion	
	Gross \		Daily		Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price	Daily	Compny Daily	Yearly	Net Yearly	Price
Year	Oil	Gas	Stb	Stb	Stb	Stb	\$/Bbl	Mcf	Mcf	Mmcf	Mmcf	S/Mcf	Stb	Stb	Stb	Stb	S/Bbl
2003	52	36	1086	171	62268	51750	44.70	12984	489	178	144	5.75	146	4	1606	1185	49.73
2004	52	36	898	145	52812	44577	44.73	11893	475	173	137	5.85	134	4	1633	1177	49.99
2005	50	37	768	117	42839	36392	44.72	11034	443	162	127	5.90	125	4	1571	1120	50.02
2006	49	37	650	95	34857	29774	44.83	9377	352	128	102	5.88	107	4	1279	917	49.88
2007	44	34	547	81	29452	25409	44.85	8116	287	105		5.87	94	3	1079	775	49.77
2008	41	33	454	68	24934	21674	44.85	7484	248	90		5.87	87	3	941	677	49.72
2009	36	31	395	59	21483	18824	44.85	6765	215	78		5.88	79	2	830	597	49.68
2010	34 32	27 25	341 295	51 43	18493 15537	16353 13768	44.86 44.85	5849 5114	184 157	67 57		5.88 5.90	69 61	2 2	721 630	517 452	49.59 49.56
2011 2012	32 27	23	251	36	12965	11464	44.93	4558	133	49	_	5.89	54	1	540	391	49.42
2012	26	22	222	31	11256	10082	44.88	4048	117	43		5.90	48	1	479	347	49.40
2014	22	20	185	26	9626	8744	44.86	3579	103	37		5.91	43	1	431	311	49.35
Sub.	39	30	508	77	336521		44.79	7567	267	1169	928		87	3	11742	8467	49.76
Rem.	6	6	40	4		51958	44.76	955	26	360		5.87	12	0	4348	3014	49.01
Tot.	14	12	152	22	392455		44.79	2541	84	1529		5.86	30	1	16090		49.56
			Buta	ne Produc	tion			Prop	ane Produ	ection			Etha	ine Produ	ction		
		Gross		Compny	Net		Gross		Compny			Gross		Compny			
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	\$/Bbl	
	2003	199		2326	1743	36.07	265	8	3 274	7 2089	33.44	(	)	0	1 1	19.71	
	2004	184		2388	1750	36.06	242	8	3 280	4 2082	33.45	(	1	0	1 1	19.71	
	2005	174			1677	36.06	226	•	7 269						1 1	19.71	
	2006	149	:			36.06	194		5 219						1 0	19.71	
	2007	130				36.06	169		1 160						1 1	19.71	
	2008 2009	120 109	3			36.06 36.06	156 141		4 160 4 141			(			0 0 0 0		
	2010	95				36.06	123		3 122			(			0 0		
	2011	84				36.06	109		3 107			(			0 0		
	2012	75				36.05	97		3 91			(	1		0 0		
	2013	67	- 2	698	515	36.05	87	7	2 81	5 611	33.42	(	)	0	0 0	19.71	
	2014	61		637	468	36.05	77	:	2 72	8 543	33.44	(	)	0	0 0	19.71	
	Sub.	121	4	17168	12597	36.06	157	:	5 2006	7 14936	33.45	C	)	0	6 5	19.71	
	Rem.	18	(	6805	4877	36.04	20		l 717	0 5163	33.52				0 0	0.00	
	Tot.	43	1	23973	17473	36.05	53		1 2723	6 20098	33.46	(	)	0	6 5	19.71	
			Total I	GL Prod	uction			Total Oil	+ NGL P	roduction	1		Total Oil	Equiv. P	roduction		
		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		Gross	Compny	Compny	Net		
		Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	Daily	Daily	Yearly	Yearly	Price	
	Year	Stb	Stb	Stb	Stb	\$/Bbl	Stb	Stb	Stb	Stb	S/Bbl	Stb	Stb	Stb	Stb	\$/BOE	
	2003	610				38.27	1695										
	2004	561	19			38.32	1459					3441				41.10	
	2005 2006	526 450					1294 1100	13: 110		5 41171 3 33679		3133 2663			1 62256 4 50597		
	2007	393					940			8 28707					1 42611	40.94 41.01	
	2008	363				38.26	817			3 24555							
	2009	330					724			1 21364					0 31777		
	2010	287		3005			628			7 18552							
	2011	253		7 2623		38.23	549	50	1816	0 15687	43.89			6 2769	4 23223	40.97	
	2012	227		5 2247		38.19	477			2 13124					5 19567		
	2013	202		1992		38.18	424			8 11555				6 2035			
	2014	181		5 179€		38.18	366			2 10066					9 14990		
	Sub.	365					873			3 324815					3 479480		
	Rem.	50				38.13	90			7 65011					6 111858		
	Tot.	126	4	67305	49057	38.23	278	2:	5 45976	0 389826	43.83	701	. 3	9 71455	0 591337	40.74	

#### REVENUE AND EXPENSE FORECAST

		Re	evenue Befo	ore Burde	ns		Royalty I		Gas Pro		Total	Net	Oper	ating Exper	nses
	Oil	Gas	Interest NGL+Sul	Total	Interest	Company Total	Pre-Proc	Other	Allow	Other	Royalty After Process.	After Royalty	Fixed	Variable	Total
Year	MS	MS	MS	MS	MS	M\$	MS .	MS	M\$	MS	MS	M\$	MS	MS	MS
2003	2758	863	246	3867	197	4064	437	301	7	-4	735	3329	361	210	571
2004	2345	887	254	3486	153	3639	397	263	7	-2	655	2984	372	184	555
2005	1902	850	247	2999	123	3122	347	224	7	-1	565	2557	361	157	519
2006	1551	671	201	2423	99	2522	276	169	5	-1	441	2081	340	127	466
2007	1311	549	169	2029	80	2109	222	135	4	-1	353	1756	300	106	407
2008	1110	479	148	1736	63	1800	183	113	4	0	293	1507	281	90	371
2009	956	421	131	1508	49	1557	153	97	3	0	247	1310	234	78	312
2010	823	365	114	1302	38	1340	128	82	3	0	206	1134	222	66	288
2011	690	318	100	1108	27	1135	110	68	3	0	175	960	200	56	257
2012	578	269	85	932	22	955	93	56	2	0	147	808	178	46	224
2013	501	237	76	814	19	833	78	47	2	0	123	710	167	40	207
2014	430	212	68	710	12	722	67	38	2	0	103	619	157	35	192
Sub.	14955	6121	1838	22914	882	23796	2491	1594	49	-7	4043	19754	3173	1196	4369
Rem.	2489	2079	696	5263	51	5314	626	218	21	5	818	4496	1555	270	1826
Tot.	17444	8200	2534	28178	933	29111	3117	1811	71	-3	4861	24250	4728	1466	6194
Disc	10364	4177	1246	15787	632	16419	1740	1115	34	-6	2827	13592	2114	828	2942

	Otl	her Expen	ses	Net											
		G : 1		Prod'n	Other I	ncome	41 1		No.	et Capital	Investment		Before	Tax Cash F	low
Year	Mineral Tax MS	Capital Tax M\$	NPI Payment M\$	MS	Other M\$	ARTC M\$	Aband. Costs MS	Oper. Income M\$	Dev. M\$	Plant M\$	Tang, M\$	Total MS	Annual MS	Cum. M\$	12% Def MS
2003	152	19	C	2588	3	43	0	2634	433	0	137	570	2063	2063	1950
2004	94	12	0	2323	2	38	0	2363	25	1	10	36	2327	4390	3913
2005	62	8	C	1968	2	31	. 0	2001	3	0	7	10	1991	6382	5413
2006	36	6	C	1572	1	25	0	1598	0	0	60	60	1538	7920	6448
2007	23	4	0	1322	0	20	0	1342	0	0	0	0	1342	9262	7253
2008	15	4	0	1118	0	15	0	1132	2	0	5	6	1126	10388	7857
2009	11	3	0	985	0	11	0	996	0	0	0	0	996	11384	8334
2010	8	2	C	836	0	8	0	844	0	0	0	0	844	12228	8695
2011	6	2	0	695	0	6	0	701	0	0	0	0	701	12929	8962
2012	5	1	C	577	0	5	0	582	0	0	0	0	582	13511	9160
2013	4	1	0	498	0	3	0	501	0	0	0	0	501	14012	9313
2014	3	0	C	424	0	2	0	426	0	0	0	0	426	14437	9428
Sub.	419	62	0	14905	7	207	0	15119	463	1	219	682	14437	14437	9428
Rem.	13	0		2657	0	7	0	2663	1	0	0	1	2662	17100	9805
Tot.	432	62	0	17561	7	214	0	17783	463	1	219	683	17100	17100	9805
Disc	333	46	C	10271	6	149	0	10425	434	i	186	620	9805	9805	9805

 $p:/s1035768/rems/econ/SEC\_2002-12-31\_Constant/\_Corporate\_Total\_Corporate\_Incl.\_Adjustments\_RC10\_pri.htm$ 

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#### RESERVE SUMMARY

		Rer	naining Res	erves at J	anuary 1, 200	3	Oi	il Equivalent	s	Reserve	Life Ind	ic. (yr)
Product	Units	Gross	Working Interest	Roy/NPI Interest	Total Company	Net	BOE Factor	Company Mstb	% of Total	Reserve Life	Life Index	Half Life
Oil	Mstb	2778	389	3	392	341	1.000	392	55	50.0	6.3	4.1
Solution Gas	Mmcf	3788	165	7	172	123	6.000	29	4	50.0	7.7	5.9
Residue Gas	Mmcf	42594	1214	142	1357	1086	6.000	226	32	50.0	8.7	5.1
Total Gas	Mmcf	46381	1380	149	1529	1209	6.000	255	36	50.0	8.6	5.2
	MMMBtu	48086	1432	0	1583	1251				50.0	8.6	5.2
Condensate	Mstb	545	16	0	16	11	1.000	16	2	50.0	10.0	5.9
Butane	Mstb	783	24	0	24	17	1.000	24	3	50.0	10.3	6.1
Propane	Mstb	965	27	0	27	20	1.000	27	4	50.0	9.9	5.8
Ethane	Mstb	0	0	0	0	0	1.000	0	(	13.0	5.4	3.3
Total NGL	Mstb	2293	66	1	67	49	1.000	67	ç	50.0	10.1	5.9
Total Oil+NGL	Mstb	5071	456	4	460	390	1.000	460	64	50.0	6.7	4.3
Total Oil Eq.	Mstb	12802	686	29	715	591		715	100	50.0	7.2	4.6

# PRODUCT REVENUE AND EXPENSES

				Average Fi	rst Year U	nit Values			Net Rev	enue A	After Royal	ties
Product	Units	Base Price	Price Adjust.	Wellhead Price	Net Burdens	Operating Expenses	Other Expenses	Prod'n Revenue	Undisc MS	% of Total	12% Disc M\$	% of Total
Oil	\$/Stb	49.29	-4.59	44.70	7.60	7.48	2.28	27.34	15249	63	8917	66
Solution Gas	\$/Mcf	5.82	-0.36	5.46	1.43	0.20	0.06	3.77	731	3	363	3
Residue Gas	\$/Mcf	5.82	-0.03	5.79	1.08	0.50	0.14	4.06	6365	26	3361	25
Total Gas	S/Mcf	5.82	-0.07	5.75	1.13	0.46	0.13	4.03	7096	29	3724	27
Condensate	\$/Stb	50.29	-0.56	49.73	12.68	4.38	0.38	32.29	582	2	293	3 2
Butane	\$/Stb	38.04	-1.97	36.07	8.97	3.35	0.81	22.93	640	3	314	2
Propane	S/Stb	35.54	-2.10	33.44	7.96	2.92	0.89	21.67	682	. 3	344	3
Ethane	\$/Stb	20.21	-0.50	19.71	4.81	1.03	0.09	13.79	0	0		0
Total NGL	\$/\$tb	39.95	-1.68	38.27	9.45	3.42	0.74	24.66	1904	- 8	950	7
Total Oil+NGL	S/Stb	48.39	-4.31	44.08	7.78	7.08	2.13	27.08	17153	71	9867	73
Total Oil Eq.	\$/BOE	44.33	-3.14	41.19	7.47	5.78	1.73	26.20	24250	100	13592	100

# INTEREST AND NET PRESENT VALUE SUMMARY

					Net	Present Valu	e Before Inc	ome Tax	
Revenue Interests	and Burdens	i (%)		Disc.	Prod'n	Operating	Capita!	Cash F	low
	Initial	Average		Rate %	Revenue MS	Income M\$	Invest. MS	M\$	\$/BOE
Working Interest	7.2069	5.8374		0.0	17561	17783	683	17100	23.93
Capital Interest	80.0699	31.3322		8.0	11830	12001	639	11363	15.90
Royalty Interest	0.3671	0.1932		10.0	10988	11150	629	10521	14.72
Crown Royalty	11.2914	11.0630		12.0	10271	10425	620	9805	13.72
Non-crown Royalty	7.7793	6.4279	,	15.0	9374	9518	608	8911	12.47
Mineral Tax	3.9274	1.5326		18.0	8639	8775	596	8179	11.45
NPI Payment	0.0000	0.0000		20.0	8219	8348	588	7760	10.86

Project.....1035768

Entity......Total Corporate Incl. Adjustments (Total Established)

Evaluator...Hladyshevsky, Myron J.

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# CERTIFICATES OF QUALIFICATION TABLE OF CONTENTS

Myron J. Hladyshevsky Bruce E. Madu Joanne M. Winfield M. Scott Lovett Ian G. Jacksteit

\_Gilbert Laustsen Jung Associates Ltd.

- I, Myron J. Hladyshevsky, Professional Engineer, 4100, 400 3rd Avenue S.W., Calgary, Alberta, Canada hereby certify:
- 1. That I am an employee of Gilbert Laustsen Jung Associates Ltd., which company did prepare a detailed analysis of Canadian oil and gas properties of Millennium Energy Inc. The effective date of this evaluation is January 1, 2003.
- That I do not have, nor do I expect to receive any direct or indirect interest in the securities of Millennium Energy Inc. or its affiliated companies.
- 3. That I attended the University of Calgary and graduated with a Bachelor of Science Degree in Chemical Engineering in 1979; that I am a Registered Professional Engineer in the Province of Alberta; and, that I have in excess of twenty-three years experience in engineering evaluations of Western Canadian oil and gas fields.
- 4. That a personal field inspection of the properties was not made; however, such an inspection was not considered necessary in view of the information available from the files of Millennium Energy Inc. and the appropriate provincial regulatory authorities.

ORIGINALLY SIGNED BY

Myron J. Hladyshevsky, P. Eng.

Gilbert Laustsen Jung Associates Ltd.

I, Bruce E. Madu, Professional Engineer, 4100, 400 - 3rd Avenue S.W., Calgary, Alberta, Canada hereby certify:

- 1. That I am an employee of Gilbert Laustsen Jung Associates Ltd., which company did prepare a detailed analysis of Canadian oil and gas properties of Millennium Energy Inc. The effective date of this evaluation is January 1, 2003.
- That I do not have, nor do I expect to receive any direct or indirect interest in the securities of Millennium Energy Inc. or its affiliated companies.
- 3. That I attended the University of Alberta and that I graduated with a Bachelor of Science Degree in Petroleum Engineering in 1984; that I am a Registered Professional Engineer in the Province of Alberta; and, that I have in excess of eighteen years experience in engineering studies relating to Western Canadian oil and gas fields.
- 4. That a personal field inspection of the properties was not made; however, such an inspection was not considered necessary in view of the information available from the files of Millennium Energy Inc. and the appropriate provincial regulatory authorities.

ORIGINALLY SIGNED BY

Bruce E. Madu, P. Eng.

Gilbert Laustsen Jung Associates Ltd.

I, Joanne M. Winfield, Professional Engineer, 4100, 400 - 3rd Avenue S.W., Calgary, Alberta, Canada hereby certify:

- 1. That I am an employee of Gilbert Laustsen Jung Associates Ltd., which company did prepare a detailed analysis of Canadian oil and gas properties of Millennium Energy Inc. The effective date of this evaluation is January 1, 2003.
- 2. That I do not have, nor do I expect to receive any direct or indirect interest in the securities of Millennium Energy Inc. or its affiliated companies.
- 3. That I attended the University of Waterloo and that I graduated with a Bachelor of Science Degree in Chemical Engineering in 1985; that I am a Registered Professional Engineer in the Province of Alberta; and, that I have in excess of seventeen years experience in engineering studies relating to Western Canadian oil and gas fields.
- 4. That a personal field inspection of the properties was not made; however, such an inspection was not considered necessary in view of the information available from the files of Millennium Energy Inc. and the appropriate provincial regulatory authorities.

ORIGINALLY SIGNED BY

Joanne M. Winfield, P. Eng.

I, M. Scott Lovett, Professional Engineer, 4100, 400 - 3rd Avenue S.W., Calgary, Alberta, Canada hereby certify:

- 1. That I am an employee of Gilbert Laustsen Jung Associates Ltd., which company did prepare a detailed analysis of Canadian oil and gas properties of Millennium Energy Inc. The effective date of this evaluation is January 1, 2003.
- 2. That I do not have, nor do I expect to receive any direct or indirect interest in the securities of Millennium Energy Inc. or its affiliated companies.
- 3. That I attended the University of Calgary where I graduated with a Masters of Science in Chemical Engineering in 1996; that I am a Registered Professional Engineer in the Province of Alberta; and, that I have in excess of seven years experience in engineering studies relating to Western Canadian oil and gas fields.
- 4. That a personal field inspection of the properties was not made; however, such an inspection was not considered necessary in view of the information available from the files of Millennium Energy Inc. and the appropriate provincial regulatory authorities.

M. Scott Lovett, M.Sc., P. Eng.

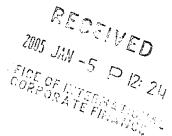
I, Ian G. Jacksteit, Engineer In Training, 4100, 400 - 3rd Avenue S.W., Calgary, Alberta, Canada hereby certify:

- 1. That I am an employee of Gilbert Laustsen Jung Associates Ltd., which company did prepare a detailed analysis of Canadian oil and gas properties of Millennium Energy Inc. The effective date of this evaluation is January 1, 2003.
- 2. That I do not have, nor do I expect to receive any direct or indirect interest in the securities of Millennium Energy Inc. or its affiliated companies.
- 3. That I attended the University of Calgary where I graduated with a Bachelor of Science Degree in Chemical Engineering in 2001; that I am an Engineer In Training; and, that I have in excess of two years experience in engineering studies relating to Western Canadian oil and gas fields.
- 4. That a personal field inspection of the properties was not made; however, such an inspection was not considered necessary in view of the information available from the files of Millennium Energy Inc. and the appropriate provincial regulatory authorities.

ORIGINALLY SIGNED BY

Ian G. Jacksteit, E.I.T.

\_Gilbert Laustsen Jung Associates Ltd.



#### FORM 45-102F2

# Certificate under Subsection 2.7(2) or (3) of Multilateral Instrument 45-102 Resale of Securities

Millennium Energy Inc. ("Millennium") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution effective July 23, 2003 of 5,000,000 units, each unit consisting of one Millennium common share and one Millennium warrant, Millennium was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF filed on SEDAR.

DATED at Calgary this 24th day of July, 2003.

#### MILLENNIUM ENERGY INC.

Per: (Signed) "Martin Hislop"

President and Chief Executive

Officer

# **INSTRUCTIONS:**

1. File this form on or before the tenth day after the distribution date with the securities regulatory authority in each jurisdiction in which a purchaser of the securities is located and section 2.7 of Multilateral Instrument 45-102 has been implemented. Section 2.7 has been implemented in Alberta, British Columbia, Newfoundland, Northwest Territories, Nova Scotia, Nunavut, Ontario and Saskatchewan.



#### FORM 45-102F2

Re: Certificate under Subsection 2.7(2) or (3) of

Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on July 24, 2003, 12,238,323 common shares (183,574,845 pre-consolidation) and 1,172,360 options to acquire common shares (17,585,400 pre-consolidation), the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF on SEDAR

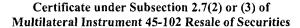
DATED at Calgary, Alberta, this 30<sup>th</sup> day of July, 2003.

#### BEAR CREEK ENERGY LTD.

By: "R. Alan Steele"

R. Alan Steele Vice President, Finance and Chief Financial Officer





Bear Creek Energy Ltd. has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on August 13, 2003 of 1,500,000 common shares of Bear Creek Energy Ltd., Bear Creek Energy Ltd. was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF on SEDAR.

DATED at Calgary, Alberta, this 13th day of August, 2003.

#### BEAR CREEK ENERGY LTD.

Per: (signed) R. Alan Steele

Title: Vice President, Finance and Chief Financial Officer

#### **INSTRUCTIONS:**

- 1. If the distribution date is on or after the effective date of Multilateral Instrument 45-102 and the issuer or selling security holder has completed 1. above, file this form on or before the tenth day after the distribution date with the securities regulatory authority in each jurisdiction in which a purchaser of the securities is located and section 2.7 of Multilateral Instrument 45-102 has been implemented. Section 2.7 has been implemented in Alberta, British Columbia, Newfoundland, Northwest Territories, Nova Scotia, Nunavut, Ontario and Saskatchewan.
- 2. If the issuer has completed 2. above, file this form with the securities regulatory authority in each jurisdiction in which a purchaser of the securities is located and section 2.7 of Multilateral Instrument 45-102 has been implemented.

#### FORM 45-102F2

Re: Certificate under Subsection 2.7(2) or (3) of Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on September 30, 2003 of 4,000,000 common shares in the capital of the Corporation, the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF on SEDAR.

DATED at Calgary, Alberta, this 30<sup>th</sup> day of September, 2003.

#### BEAR CREEK ENERGY LTD.

By: "R. Alan Steele"

R. Alan Steele Vice President, Finance and Chief Financial Officer



510, 550~6th Avenue S.W. Calgary, Alberta, Canada T2P 0S2 Telephone: 403.233.2801

Facsimile: 403.233.2857

Email: valiant@telusplanet.net

May 14, 2004

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

Annual and Special Meeting of Shareholders

To Be Held on June 11, 2004

THE OF INTERNATION OF THE COMPANY OF

In our capacity as the Agent for Bear Creek Energy Ltd., we are pleased to enclose herewith our Affidavit of Mailing with respect to the annual meeting material which was mailed to the shareholders of Aquest Energy Ltd., on May 14, 2004.

We trust this is satisfactory.

Yours truly,

"Philip Menard"
Philip Menard
Director, Client Services

c.c. Bear Creek Energy Ltd. Attn: Mr. Alan Steele

#### DECLARATION AS TO MAILING

PROVINCE	)	IN	THE	MAT	ΓER	OF	BEAR	CREEK	ENER	GΥ	LTD.	( " C	ORPORATION	")
OF	)	THE	INA	IUAL	AND	SI	PECIAL	MEETI	NG O	F S	SHAREH	(OLD)	ERS	

ALBERTA ) TO BE HELD ON JUNE 11, 2004.

I, PHILIP MENARD, OF THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA, DO SOLEMNLY DECLARE AS FOLLOWS:

- 1. I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.
- ON MAY 14, 2004, I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO ON APRIL 30, 2004, WERE THE REGISTERED HOLDERS OF COMMON SHARES OF THE CORPORATION, COPIES OF EXHIBITS "A" THROUGH "E" AND "G";
  - (a) a copy of the NOTICE OF ANNUAL AND SPECIAL MEETING OF SHAREHOLDERS marked EXHIBIT "A" and identified by me;
  - (b) a copy of the INFORMATION CIRCULAR marked EXHIBIT "B" and identified by me;
  - (c) a copy of the INSTRUMENT OF PROXY marked EXHIBIT "C" and identified by me;
  - (d) a copy of the 2003 ANNUAL REPORT marked EXHIBIT "D" and identified by me;
  - (e) a copy of the FIRST QUARTER REPORT FOR THE PERIOD ENDED MARCH 31, 2004 marked EXHIBIT "E" and identified by me;
  - (f) a SUPPLEMENTAL MAIL LIST CARD marked EXHIBIT "F" and identified by me;
  - (g) a RETURN ENVELOPE marked EXHIBIT "G" and identified by me.
- 3. I FURTHER CONFIRM THAT COPIES OF EXHIBITS "A" THROUGH "D" AND "F" AS NOTED IN ITEM 2 ABOVE, WERE SENT BY COURIER ON MAY 14, 2004 TO EACH INTERMEDIARY HOLDING COMMON SHARES OF THE CORPORATION WHO RESPONDED TO THE SEARCH PROCEDURES PURSUANT TO CANADIAN SECURITIES ADMINISTRATORS' NATIONAL INSTRUMENT 54-101 REGARDING SHAREHOLDER COMMUNICATION.

AND I MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH AND BY VIRTUE OF THE CANADA EVIDENCE ACT.

DECLARED BEFORE ME AT THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA THIS 14TH DAY OF MAY 2004.

My commission expires on November 15, 2006.

"Pam Elliott"							"Philip Menard"			
COM	1ISSIONER	FOR	OATHS	IN	AND	FOR	PHILIP MENARD			
THE	PROVINCE	OF	ALBERTA	A						

#### FORM 45-102F2

RE: Certificate under Subsection 2.7(2) or (3) of Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on December 19, 2003 of 800,000 common shares in the capital of the Corporation, the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date.

DATED at Calgary, Alberta, this 19th day of December, 2003.

#### BEAR CREEK ENERGY LTD.

By: (signed) R. Alan Steele

R. Alan Steele Vice President, Finance and Chief Financial Officer



#### FORM 45-102F2

Re: Certificate under Subsection 2.7(2) or (3) of Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on December 23, 2003 of 10,000 options to purchase common shares in the capital of the Corporation, which options were granted pursuant to the Corporation's Stock Option Plan, the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 *Resale of Securities* at the distribution date, except for the requirement to have a current AIF on SEDAR.

DATED at Calgary, Alberta, this 31st day of December, 2003.

#### BEAR CREEK ENERGY LTD.

By: (Signed) "Alan Steele"

R. Alan Steele Vice President, Finance and Chief Financial Officer

#### FORM 45-102F2

Re: Certificate under Subsection 2.7(2) or (3) of

Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on January 27, 2004 of 10,000 options to purchase common shares in the capital of the Corporation, which options were granted pursuant to the Corporation's Stock Option Plan, the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF on SEDAR.

DATED at Calgary, Alberta, this 2<sup>th</sup> day of February, 2004.

# BEAR CREEK ENERGY LTD.

By: (Signed) "Alan Steele"
R. Alan Steele
Vice President, Finance and
Chief Financial Officer



#### FORM 45-102F2

Re: Certificate under Subsection 2.7(2) or (3) of Multilateral Instrument 45-102 Resale of Securities

Bear Creek Energy Ltd. (the "Corporation") has distributed securities under a provision listed in Appendix D or E to Multilateral Instrument 45-102 or a provision of securities legislation that specifies that the first trade of the securities is subject to section 2.5 or 2.6 of Multilateral Instrument 45-102 and hereby certifies that in respect of a distribution on March 25, 2004 of 2,532,500 common shares in the capital of the Corporation, the Corporation was a qualifying issuer within the meaning of Multilateral Instrument 45-102 Resale of Securities at the distribution date, except for the requirement to have a current AIF on SEDAR.

DATED at Calgary, Alberta, this 25th day of March, 2004.

#### BEAR CREEK ENERGY LTD.

By: (Signed) "Alan Steele"

R. Alan Steele

Vice President, Finance and
Chief Financial Officer



310, 606 - 4th Street S.W. Calgary, Alberta, Canada T2P 1T1 Telephone: 403.233.2801
Facsimile: 403.233.2857
Email: inquiries@valianttrust.com

December 22, 2004

Alberta Securities Commission (via SEDAR)
British Columbia Securities Commission (via SEDAR)
Ontario Securities Commission (via SEDAR)
The Toronto Stock Exchange (via SEDAR)

Dear Sirs:

Re: Bear Creek Energy Ltd.

Special Meeting of Securityholders To Be Held on January 17, 2005

In our capacity as the Agent for Bear Creek Energy Ltd., we are pleased to enclose herewith our Affidavit of Mailing with respect to the special meeting material which was mailed to the Common Shareholders, Optionholders and Warrantholders of Bear Creek Energy Ltd. on **December 22, 2004**.

We trust this is satisfactory.

Yours truly,

"Lita Tan" Lita Tan Account Manager

C.c. Kerry Krochak Bennett Jones LLP

> Alan Steele Bear Creek Energy Ltd.

#### DECLARATION AS TO MAILING

PROVINCE )	IN TH	IE MATTER	OF	BEAR	CREEK	ENERGY	LTD.	("CORPORATION")	)

OF ) THE SPECIAL MEETING OF SECURITYHOLDERS

ALBERTA ) TO BE HELD JANUARY 17, 2005.

- I, LITA TAN, OF THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA, DO SOLEMNLY DECLARE AS FOLLOWS:
- 1. I AM AN EMPLOYEE OF VALIANT TRUST COMPANY AND AS SUCH, HAVE KNOWLEDGE OF THE MATTERS HEREINAFTER DECLARED.
- 2. ON DECEMBER 22, 2004, I CAUSED TO BE MAILED IN A FIRST CLASS PREPAID ENVELOPE ADDRESSED TO EACH OF THE PERSONS OR FIRMS WHO ON NOVEMBER 29, 2004, WERE THE REGISTERED HOLDERS OF COMMON SHARES, OPTIONS AND WARRANTS OF THE CORPORATION; COPIES OF EXHIBITS "A" THROUGH "E" AS NOTED BELOW.
  - (a) a copy of the NOTICE OF SPECIAL MEETING OF HOLDERS OF COMMON SHARES, OPTIONS AND WARRANTS OF BEAR CREEK ENERGY LTD. marked EXHIBIT "A" and identified by me;
  - (b) a copy of the JOINT INFORMATION CIRCULAR marked EXHIBIT "B" and identified by me;
  - (c) a copy of the INSTRUMENT OF PROXY FOR BEAR CREEK ENERGY LTD. marked EXHIBIT "C" and identified by me;
  - (d) a copy of the LETTER OF TRANSMITTAL AND ELECTION FORM marked EXHIBIT "D" and identified by me;
  - (e) a RETURN ENVELOPE marked EXHIBIT "E" and identified by me.
- 3. I FURTHER CONFIRM THAT COPIES OF EXHIBITS "A" THROUGH "D" AS NOTED IN ITEM 2 ABOVE, WERE SENT BY COURIER ON DECEMBER 21, 2004 TO EACH INTERMEDIARY HOLDING COMMON SHARES OF THE CORPORATION WHO RESPONDED TO THE SEARCH PROCEDURES PURSUANT TO CANADIAN SECURITIES ADMINISTRATORS' NATIONAL INSTRUMENT 54-101 REGARDING SHAREHOLDER COMMUNICATION.

AND I MAKE THIS SOLEMN DECLARATION CONSCIENTIOUSLY BELIEVING IT TO BE TRUE AND KNOWING THAT IT IS OF THE SAME FORCE AND EFFECT AS IF MADE UNDER OATH AND BY VIRTUE OF THE CANADA EVIDENCE ACT.

DECLARED BEFORE ME AT THE CITY OF CALGARY IN THE PROVINCE OF ALBERTA THIS 22ND DAY OF DECEMBER 2004.

COMMISSIONER FOR OATHS IN AND FOR	LITA TAN
THE PROVINCE OF ALBERTA	

# Saskatchewan



Financial Services Commission

Securities Division

6<sup>th</sup> FI, 1919 Saskatchewan Drive Regina, Canada S4P 3V7

(306) 787-5645 (306) 787-5899 Telefax (306) 787-5867 Direct Line

SEDAR Correspondence

August 9, 2004

Bennett Jones LLP 4500 Bankers Hall East 855 2<sup>nd</sup> Street SW Calgary, AB T2P 4K7

Attention:

Ms. Liv Atkinson

Issuer

Bear Creek Energy Ltd.

Project #

648662

Dear Madam:

# Re: Annual Information Form

We hereby confirm that the annual information form dated May 17, 2004 of the above issuer has been accepted for filing under National Instrument 44-101 and Saskatchewan Implementing Order 44-801.

Bear Creek Energy Ltd. has been deemed to be a reporting issuer in Saskatchewan effective August 6, 2004.

Yours truly,

"Dean Murrison"

Dean Murrison
Deputy Director – Legal/Exemptions